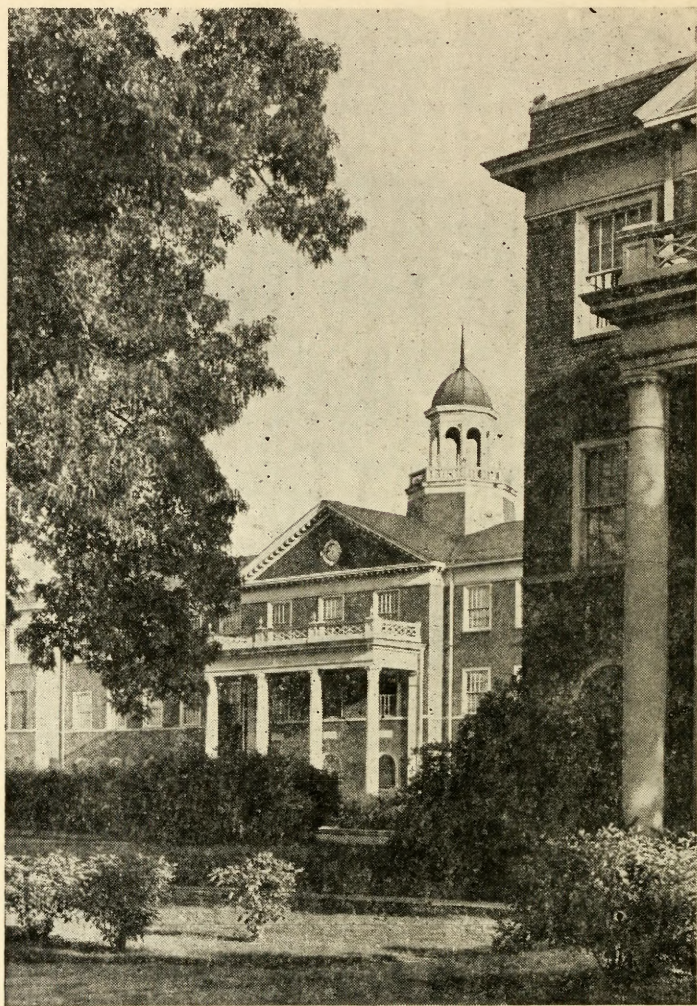


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State Fair

th EXHIBITION - RALEIGH
OCTOBER 8-12 1940



Elon College

CO-EDUCATIONAL

Fall Term Opens Sept. 3rd

FOR ADDITIONAL INFORMATION, WRITE

LEON EDGAR SMITH, President

ELON COLLEGE, N. C.

North Carolina State Fair

A DIVISION OF THE

STATE DEPARTMENT OF AGRICULTURE

RALEIGH

October 8 through 12, 1940

W. KERR SCOTT.....*Commissioner of Agriculture*
D. S. COLTRANE.....*Assistant to Commissioner*

BOARD OF AGRICULTURE

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CLAUDE T. HALL.....	<i>Woodsdale</i>	W. I. BISSETTE.....	<i>Grifton</i>

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STATE OF NORTH CAROLINA
GOVERNOR'S OFFICE
RALEIGH

CLYDE R. HOEY
GOVERNOR

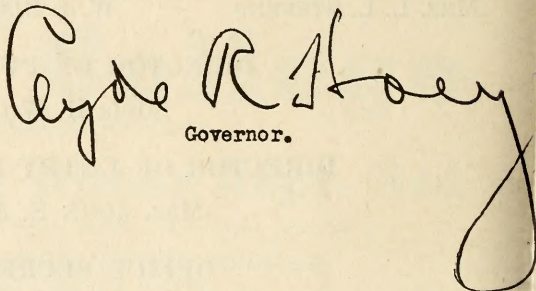
FOREWORD

I am delighted with the prospect for a great State Fair in 1940. The fine success attained in previous years under the splendid management of Dr. J. S. Dorton guarantees that the attractions and the exhibits will be well worth attending the Fair in Raleigh to see.

The State Fair is now becoming a State institution. It furnishes the occasion for the gathering together of people from all parts of North Carolina and contributes to the unity of the state; it acquaints all the people of the state with the resources and products of every section.

North Carolina is adopting and seeking to put into effect a plan for ten years of balanced prosperity, and we are expecting to have this plan developed and expanded in this decade, 1940-1950. The State Fair is cooperating fully in this respect, and by the united effort of all of our people we should be able to make unexampled progress toward achieving this goal with each succeeding year in this decade.

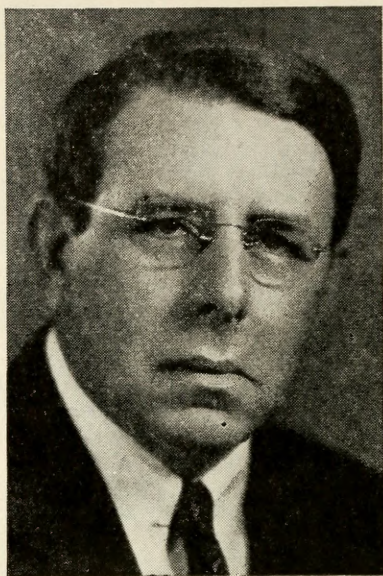
I think the State Fair has become an agency of education and progress, and I am proud of its development during my administration. Let's make the Fair of 1940 the greatest of all state fairs.


Governor.

July 30th, 1940.



CLYDE R. HOEY, Governor



TO THE PEOPLE OF NORTH CAROLINA:

Each and everyone of us
has the right to be proud
of our State Fair.

It is my sincere hope that
each of you find the 1940
Fair educational and that
you will enjoy it.

J. M. Broughton

DEPARTMENT DIRECTORS

F. E. Miller, General Director of Exhibits

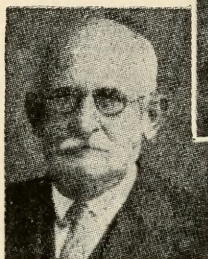
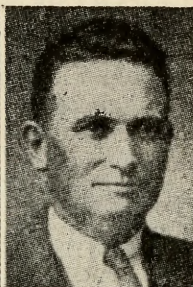
State Department of Agriculture, Raleigh, N. C.

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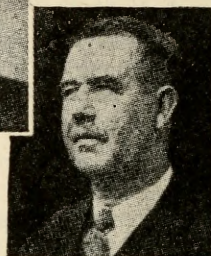
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D. REEVES ROLAND

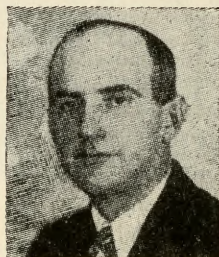


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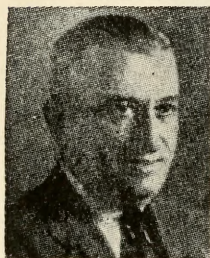


CHARLES F. CATES

BOARD OF AGRICULTURE



W. G. HARGETT



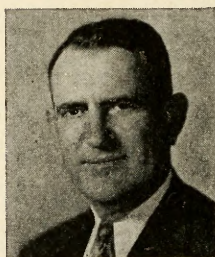
LIONEL WEIL



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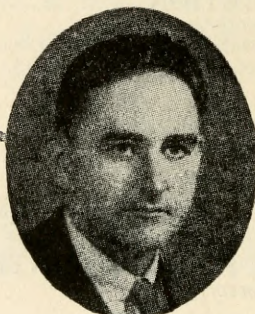


CLAUDE T. HALL



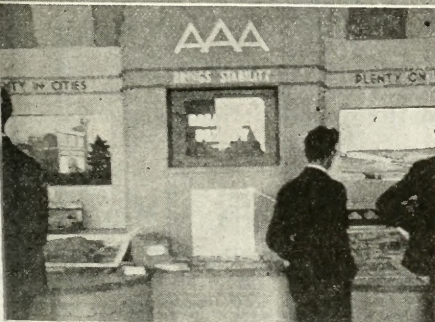
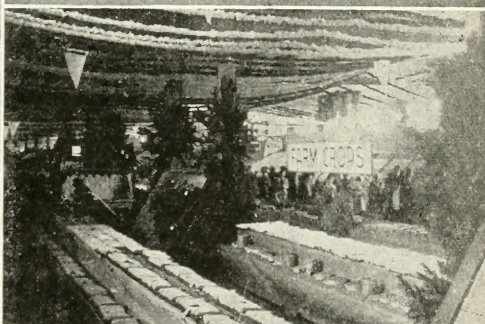
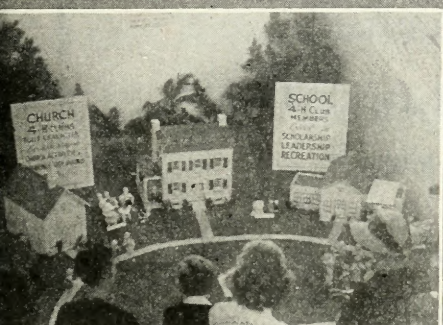
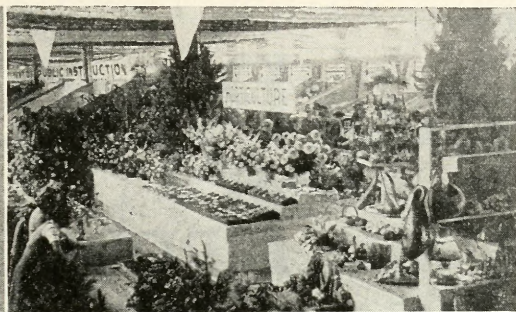
C. S. YOUNG

COMMISSIONERS



OF AGRICULTURE

W. KERR SCOTT



Cates PICKLE ≡ P PRODUCTS

PICKLES

—::—

RELISHES

FAISON, NORTH CAROLINA



Carolina's Oldest Pickle Plant



Established 1898

AT THE STATE FAIR

Visit Our Booth

Sample Our Products

Visitors Always Find a Welcome at
Our Plant in Faison, N. C.

Southern Products For Southern People

Sold in Most of the First-Class
Grocery Stores of the South

Chas. F. Cates & Sons, Inc.

FAISON, NORTH CAROLINA

This is our thirtieth display at our Great State Fair

Excelled By None

Equalled By Few

1940 NORTH CAROLINA STATE FAIR



ANNOUNCEMENT

The 1940 North Carolina State Fair is dedicated to the purposes and principles of the campaign "For Balanced Prosperity in the South 1940-50," sponsored by the Southern Governor's Conference and cooperating committees of citizens and public agencies.

Campaign "For Balanced Prosperity in the South, 1940-50"

SOUTHERN GOVERNORS WITH COOPERATING CITIZENS AND PUBLIC AGENCIES APPEAL FOR SOUTHWIDE CAMPAIGN FOR TEN SUPREME OBJECTIVES IN NEW DECADE

To the Men and Women of the Southern States:

The present crisis in Southern "money crops" if neglected and ignored may bring us to disaster. The same crisis if used as a goad and incentive to better methods may lead us to greater prosperity than the South has even known before. From growing 45 million acres of 20-cent cotton a few years ago we now grow 25 million acres of 10-cent cotton. From ever expanding consumption of tobacco a few years ago we are at a period when decreased rather than expanded tobacco markets may be expected. New agricultural uses for land and labor released from cotton growing must be found. New markets for, and new methods of financing, a diversified agriculture must be developed. New industrial opportunities for our citizens must be created.

One great adventure in Southern cooperation having recently been crowned with success, namely, the cooperation of Southern Governors in attacking the ancient evil of unjust and discriminatory freight rates, members of the Southern Governors' Conference were next asked to confront this agricultural emergency. "Take the lead (in cooperation with forward-looking citizens and public agencies) in inaugurating a ten-year campaign for BAL-



**595 OF 658 AUTO RACES
WERE WON ON WARD
TIRES LAST SEASON!**

It takes a top-quality tire to achieve such fame for safety and performance! That's why more than 550 race drivers whose very lives depend on the tires, buy Riversides! No safer tires made.

**THERE'S A
MONTGOMERY WARD
RETAIL STORE[®] NEAR YOU**

ANCED PROSPERITY IN THE SOUTH, 1940-50," was the challenge.

Monday, January 1, 1940, that campaign began.

Representatives of the Southern press, of our universities and land grant colleges, and other educational and agricultural agencies joined with Southern Governors in the first conference on this matter, and other groups have since joined no less heartily.

Official proclamations have already been issued but in such enforced brevity as to require a fuller statement of our hopes and purposes.

Exact plans cannot now be set forth because we wish all the states and all the people to join in perfecting these plans. We can, however, set forth the broad objectives as tentatively agreed on—subject to final ratification at a meeting of the Southern Governors' Conference in Nashville this month. The tentative plan in brief calls for ten roads to "Balanced Prosperity" for the South as follows:

TEN ROADS TO "BALANCED PROSPERITY"

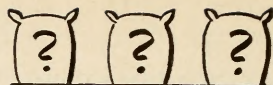
1. Balance money crops (including forestry) with "food, feed, and fertility crops."
2. Balance crops with livestock, consistent with sound land use.
3. Balance production progress with marketing and transportation opportunities, without trade barriers.
4. Balance farms with factories.
5. Land, water, and mineral resources with population needs.
6. Balance work with thrift and local investment.
7. Owner prosperity with worker prosperity.
8. Increasing income with increasing home ownership.
9. Balance wealth with beauty and culture.
10. Economic gains with gains in moral values and human welfare.



TEN METHODS FOR ACHIEVING THESE RESULTS

But how can these ten objectives be reached? Here again no cut and dried scheme has been adopted but all interested Southerners are asked to present ideas for consideration and action. The cooperation of all the people is wanted both in planning the "Balanced Prosperity" campaign and in carrying it forward to full success after plans are adopted. But these ten specific methods of work are now under consideration:

1. By utilizing and uniting (by example and appeal rather than coercion) existing agencies and organizations of research, planning, and progress—educational, agricultural, industrial, commercial, welfare, the press, etc. In this way plans for a "Balanced Prosperity" campaign may be prepared and promoted

In choosing your fertilizer,

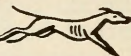


remember  that urea nitrogen gives you two valuable  properties:

1- COMPLETE AVAILABILITY



Urea nitrogen goes to work quickly



and keeps working steadily,



the needs of both early



and late



planted crops.

2- RESISTANCE TO LEACHING

Plant food lost in drainage



water

is wasted. Urea nitrogen stays put



in


the soil. When your fertilizer



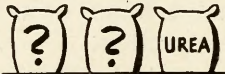

contains urea, you can smile



at the

rain , knowing that most of your

nitrogen will not wash out of the soil. So

ask for   fertilizer containing

urea, a completely available leaching-

resistant form of nitrogen.

Ask for fertilizers made with



UREA NITROGEN

"URAMON" Fertilizer Compound
Reg. U. S. Pat. Off. (42% Urea Nitrogen)

Urea-Ammonia Liquor
(45% Nitrogen)

E. I. DU PONT DE NEMOURS & CO. (INC.)

AMMONIA DEPARTMENT

WILMINGTON, DELAWARE

with all the benefits of a new unity of effort and without setting up an expensive new agency.

2. **By establishing definite standards and scorecards** for judging the present standing and future progress not only of states, counties, cities, towns, etc., wishing to cooperate in such efforts but also of rural school districts, individual farmers, etc.

3. **To promote fact-finding studies and surveys** designed to show states, cities, towns, counties, communities, etc., their present rating as judged by approved standards or scorecards.

4. **To call on agricultural agencies** in each state and county to unite in promoting plans for "Balanced Farm Prosperity" and in providing needed scorecards, surveys, etc.

5. **To call on city business men, chambers of commerce, etc.,** not only to provide markets and sound financing for diversified farming but to "balance farms with factories" and new industrial and commercial opportunities.

6. **To stimulate thrift, saving, and good citizenship** by promoting home-ownership in both town and country and local investment in sound business enterprises.

7. **To honor effort by providing "Certificates of Progress"** to be awarded annually not only to cities, towns, and counties, registering definite progress as determined by authorized standards and scorecards, but also to rural communities and individual farmers.

8. **To lend the prestige of the Governor's office** and the seal of the State in honoring such progress, upon recommendations of competent experts and local leadership.

9. **To aim constantly at increasing the income of Southern workers** in town and country by more wisely directed effort, more effective education, increased skills, greater thrift, and a square deal in all matters.

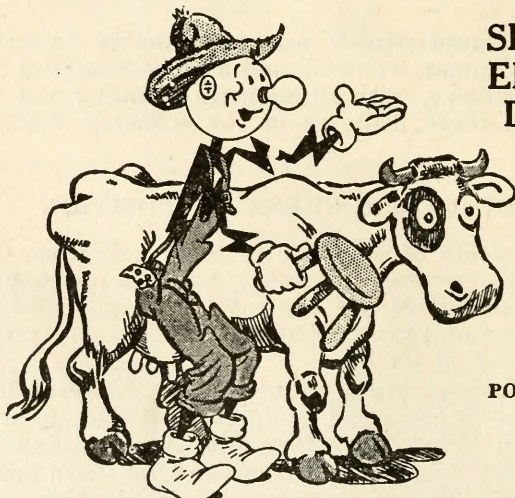
10. **To make increased wealth only a means** to "moral and cultural values and human welfare" and a more beautiful South than we have ever known, with all agencies planning and working as earnestly in these fields as in the economic fields just discussed.

A "DECADE OF PROGRESS" EXPOSITION

Culminating ten years of effort in all these activities, Chairman Rivers of the Governors Conference, has also proposed, and the Organization Committee has approved, that plans be made looking to the holding of a great exposition of Southern progress in some Southern city in 1950.

At such exposition each state, county, city, and every important industry in the South could compare its standing in 1950 with its standing in 1940. More than that, such an exposition could be made not only a means of celebrating Southern progress in the decade 1940-1950 but of planning and anticipating far, far greater things in the then opening new half century 1950-2000.

Howdy, Folks! I'm Reddy Kilowatt,
your Electrical Servant. I'm one-third
stronger than a horse and you'd be
amazed at the jobs I can do on your farm
to make it easier and more profitable for
you. Why not get the complete details
about my services — Electricity IS
CHEAP—it's time to change to Electric
Farming!



**SEE YOUR
ELECTRIC
DEALER**

**CAROLINA
POWER & LIGHT
COMPANY**

FOUR ADVANTAGES

Four significant advantages of the complete "Balanced Prosperity, 1940-50" campaign as just summarized are these:

1. **It utilizes existing agencies** rather than creates new ones.
2. **It is constructive and inspiring** in that it highlights and honors progress and achievement instead of merely denouncing backwardness and weakness.
3. **It does not wait till perfection is achieved** to provide recognition and applause (a method which so often leads only to discouragement and defeat) but instead provides that as the city, town, community, or individual advances step by step, the gratitude of the State will be expressed as an incentive and inspiration for further effort and progress.
4. **The plan reaches down to little towns, little communities, little men and women** who so often feel that government knows and cares little about them. It is our feeling (1) that no man big enough for government to tax is too little for government to encourage and (2) that only by honoring and encouraging improved methods not only by cities, town, counties, etc., but by individual farmers, farm women, industrial workers, etc., can the South achieve the "BALANCED PROSPERITY, 1940-50" for which we strive.

IN CONCLUSION

In conclusion it only remains for us to reiterate this—that these plans are as yet tentative and in the rough with individual Governors and individual committeemen not only inviting criticisms and suggestions from all Southerners, but ourselves reserving the right to propose changes in detail and method. All these will be considered at the Southern Governors Conference in Nashville this month (January, 1940).

Meanwhile, however, we do appeal for the support of press and people in what we believe can and should be made the most important campaign for Southern progress ever yet undertaken in the history of our states, and would emphasize these significant facts:

(1) Perhaps never before has the time been so propitious, and the citizenship of the South so ready, for a great Southwide advance for Southern progress and enrichment:

(2) The present crisis in our "money crops" farming and the imperative necessity for developing not only a better balanced and vastly more profitable farming system but also a far better diversified and more extensive industrial system—this constitutes a challenge to the South's political and educational statesmanship that no one in responsible position can wish to, or dare to, evade.

(3) The epochal triumph just won by the Southern Governors Conference in its fight for fair freight rates has demonstrated the power and value of state cooperation in a degree never before realized.

Max Linderman

PRESENTS THE

WORLD

of

**MIRTH
SHOWS**

FEATURING . . .

*The Largest
Midway on Earth*

(4) The fact that this month marks not only the beginning of a new year but a new decade, presents a dramatic opportunity for beginning a ten-year campaign for "Balanced Prosperity in the South" that should enable 1940-50 to surpass all previous decades and become memorable in all Southern history.

To this end we invite not only the cooperation and support of all organizations and agencies of progress and of all forward-looking men and women in the South. We also bespeak the support of generous-minded men and institutions in all other parts of our common country as we seek to have our own section contribute more fully than ever before to the greatness and majesty of America.

SIGNED ON BEHALF OF SOUTHERN GOVERNORS' CONFERENCE:

E. D. Rivers, Chairman, Governor of Georgia.
Clyde R. Hoey, Governor of North Carolina.
Burnet R. Maybank, Governor of South Carolina.
Fred P. Cone, Governor of Florida.
Frank M. Dixon, Governor of Alabama.
Prentice Cooper, Governor of Tennessee.
Carl E. Bailey, Governor of Arkansas.
W. Lee O'Daniel, Governor of Texas.
Earl Long, Governor of Louisiana.
Leon C. Phillips, Governor of Oklahoma.
(Other Governors to sign later.)

SIGNED ON BEHALF OF ORGANIZATIONS OF CITIZENS AND PUBLIC AGENCIES:

Clarence Poe, President and Editor, *The Progressive Farmer*,
Raleigh, Birmingham, Memphis, Dallas, General Chairman.

STATE CHAIRMEN

For Virginia:

Douglas S. Freeman, *News Leader*, Richmond.

For North Carolina:

Frank P. Graham, President University of North Carolina.

For South Carolina:

D. W. Watkins, State Director of Agriculture, Clemson College.

For Georgia:

Paul W. Chapman, Dean, College of Agriculture, University of Georgia.

For Alabama:

John Temple Graves, Representing Southern Dailies, Birmingham.

For Tennessee:

H. A. Morgan, Chairman Tennessee Valley Authority.
(Other chairmen are being named.)

THE NORTH CAROLINA STATE FAIR PROGRAM

October 8-12, 1940

Tuesday, October 8, 1940

WAKE COUNTY SCHOOL DAY—All school children admitted on school tickets free this day.

Gates open at 8 A.M.

Judging begins in all departments 9 A.M.

Exhibit Buildings open at 10 A.M.

Grandstand opens at 12:30 P.M.

Horse Races begin at 2 P.M. Sanctioned by U. S. Trotting Association.

2:14 Trot—\$300 Purse

2:14 Pace—\$300 Purse

Free Attractions at 2:45 P.M.

EVENING

Grandstand opens at 6:30 P.M.

Spectacular Revue and Grandstand Show begins at 7:30 P.M.

Fireworks display at 9:30 P.M.

The Great World of Mirth Shows of 22 Rides and 20 Shows on the Midway. "The World's Largest Midway."

Wednesday Only, October 9th

"LUCKY" TETER AND HIS HELL DRIVERS—Recognized as America's greatest thrill star, "Lucky" Teter with his whirlwind band of fearless "Hell Drivers," returns to the North Carolina State Fair this year, bringing a myriad of new stunts developed since their appearance in 1939. Besides the stunts that have made "Lucky" himself famous as the king of all thrill producers, he will present for the first time at the State Fair his famous Rocket Car, in which he leaps his stock sedan over a greyhound bus parked lengthwise, a distance of one hundred feet. This and many other new thrills make and keep "Lucky" the champion of all "Hell Drivers."

EVENING

Grandstand opens at 6:30 P.M.

Spectacular Revue and Grandstand Show at 7:30 P.M.—Including ten outstanding feature attractions.

Fireworks display at 9:30 P.M.

The World's Largest Midway. The famous World of Mirth Shows—22 Rides and 20 Shows.

Thursday, October 10th

Gates open at 8 A.M.

Vocational Judging Contests at 10 A.M. (Open to all Vocational Schools) Students wearing F.F.A. caps admitted free.

Grandstand opens at 9:30 A.M.

MOTORCYCLE RACES—A.M.A. Sanctioned.

Limited to 45 cu. in. motors. Featuring several national champions. Time trials begin promptly at 10 o'clock—Races begin at 11 o'clock.

Horse Races begin at 2:00 P.M.—U. S. Trotting Association sanction.

Free-For-All Pace	\$300 Purse
2:20 Trot	\$300 Purse

EVENING

Grandstand opens for Evening Show at 6:30 P.M. Presenting the Revue in an entire change of program and costumes.

Fireworks display at 9:30 P.M.

Then to the Sensational World of Mirth Shows.

Friday, October 11th

YOUNG NORTH CAROLINIANS' DAY—All school children in North Carolina admitted free. 900,000 free tickets will be issued through school superintendents.

Gates open at 8 A.M.

Grandstand opens at 12:30 P.M.

Mammoth Parade of all Livestock 1:30 P.M.

Horse Races begin at 2:00 P.M.—Sanctioned by U. S. Trotting Association.

Free-For-All Trot	—\$300 Purse
2:20 Pace	—\$300 Purse

EVENING

Grandstand opens at 6:30 P.M.

Revue and Grandstand Show follows.

Fireworks display at 9:30 P.M.

World of Mirth Midway.

Saturday, October 12th

A.A.A. AUTO RACE DAY

Under supervision of the Contest Board of the American Automobile Association, personally directed by Ralph A. Hankinson and featuring ace drivers of the nation, also last year's trophy winner and many other dirt track stars.

Gates open at 8 A.M.

Grandstand opens at 12:30 P.M.

Time Trials begin at 12:30 P.M.

Races start at 2:00 P.M. sharp.

EVENING

Grandstand opens at 6:30 P.M.

Revue and Grandstand Show follows.

Fireworks display at 9:30 P.M.

MIDWAY UNTIL MIDNIGHT.

THE NORTH CAROLINA STATE FAIR

PRESENTS THE FOLLOWING ATTRACTIONS

Featuring

THE FAMOUS ROXYETTES—Originated by Gae Foster. The culmination of years of experience in producing the most complete and finest revue in outdoor show world. The nation's leading melodies enhanced by professional delivery. Inimitable dancing routines, lavish scenery and lighting effects are all combined to make this a truly artistic and lavish production—modern in its presentation of the latest Broadway ideas.

CAPTAIN TIBOR'S SEALS—These solemn faced amphibians cavort through various comedy acrobatic stunts and musical routines. Outstanding as the only seal in the world to perform on a cross bar. Using only its flippers, the animal spins around the bar and goes through other routines that would stump most humans.

THE GREAT PETERS—In his marvelous feats of sheer nerve, featuring the "Drop With the Hangman's Noose" that has made millions gasp. Presented imposingly as a phenomenal sensation by Ringling Bros.-Barnum & Bailey.

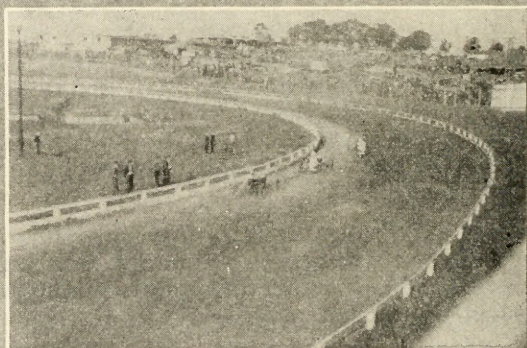
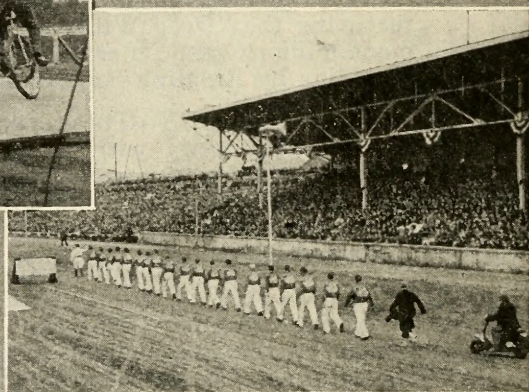
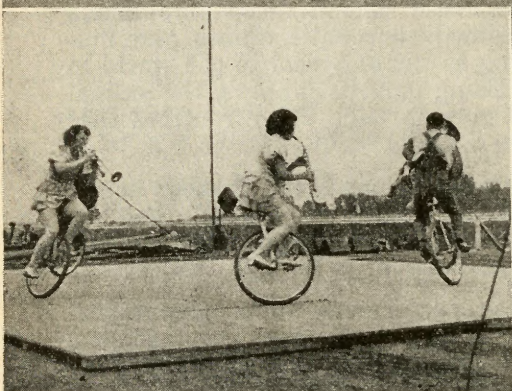
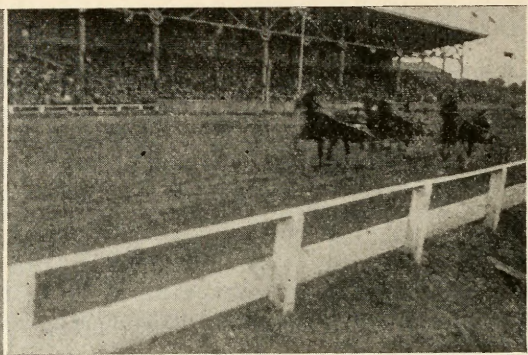
THE CANESTRELLIS—These performers apparently repeal the law of gravity with their breath-taking performance perched on ladders unsupported by any force save the stage they rest on. Mounting two and three high with the understander mounted on a free balancing ladder, they juggle the ladders first one way and then the other.

FANCHON & FANCHON—A fascinating and complete contortionistic routine. The young lady, who began practicing her act at the age of eighteen months, works alone, standing atop a table and literally tying herself into knots and assuming positions the audience would have called impossible.

QUEENS OF THE SKY—Direct from the New York World's Fair of 1939, the Queens and one man in the act present a daring sky ballet. Balancing themselves 120 feet in the air, without a net to protect them, they depend on their skill and the perfection of their apparatus to save them from certain death.

WATKIN'S TRAINED ANIMALS—Five persons present 35 quadrapeds in a three-act performance starring a trained chimpanzee, 12 dogs performing stunts simultaneously and eight perfectly matched ponies.

BOBBY WHALING & PARTNER—Comedy and the expert maneuvering of unicycles and bicycles are skillfully blended



in this act. Attired comically, Bobby rides a bicycle while standing on his hands, head or any other part of his body. In a feature of the act his partner is catapulted from the stage to Bobby's shoulders while he stands on a high unicycle.

LOWE, STANLEY AND HIGHT—This acrobatic act is extreme in every way—including the size of the performers, as one is a "giant," one of average size and the third, a midget. They have just completed several motion pictures in Hollywood and have been in great demand in America.

ON THE RACE TRACK

RACE DAYS—Tuesday, 2:14 Trot and 2:14 Pace; Thursday, F. F. All Pace and 2:20 Trot; Friday, F. F. All Trot and 2:20 Pace. Some of the fastest pacers and trotters from famous racing stables throughout the country will compete for our liberal stakes on these three days of the "Sport of Kings," under sanction and rules of the U. S. Trotting Association, using the popular McNamara Barrier.

THRILL DAY—Wednesday, October 9th. "Lucky" Teter and His Hell Drivers, recognized as America's greatest thrill star, "Lucky" Teter with his whirlwind band of fearless "Hell Drivers" return to the North Carolina State Fair this year, bringing a myriad of new stunts developed since their appearance in 1939. Besides the stunts that have made "Lucky" himself famous as the king of all thrill producers, he will also present for the first time at the State Fair his famous Rocket Car, in which he leaps his stock sedan over a Greyhound bus parked lengthwise, a distance of one hundred feet. This and many other new thrills make and keep "Lucky" the champion of all "Hell Drivers."

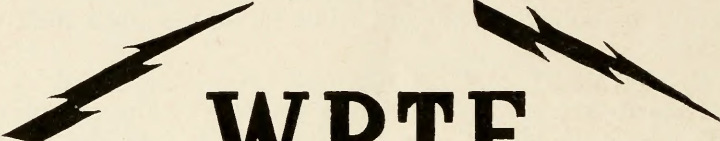
MOTORCYCLE RACES—A. M. A. Sanctioned, Thursday, October 10th. Limited to 45 cu. in. motors. Featuring several national champions. Time trials begin promptly at 10 o'clock. Races begin at 11 o'clock.

AUTO RACE DAY—A. A. A. sanctioned—Saturday, October 12th, under the supervision of the Contest Board of the American Automobile Association, personally directed by Ralph A. Hankinson and featuring ace drivers of the nation, together with last year's trophy winner and winner of last year's race at the State Fair.

FIREWORKS—An outstanding climax to the evening show. A fireworks display of rare beauty.

ON THE MIDWAY

"THE WORLD'S LARGEST MIDWAY"—Max Linderman's World of Mirth Shows again grace the State Fair midway, featuring the latest shows, rides and lighting effects.



WPTF

The Only Clear Channel NBC Station in
the Carolinas and Virginia

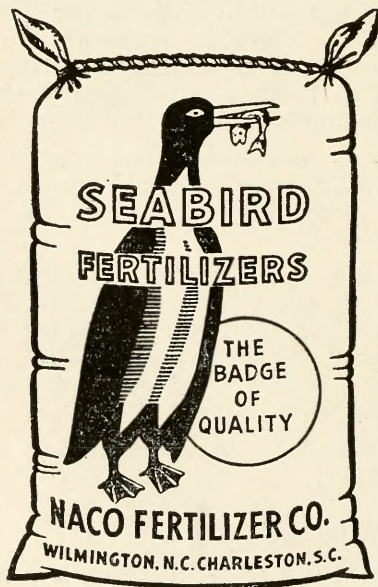
680 KC

5000 WATTS

NBC Red-Blue Networks

WPTF RADIO COMPANY

RALEIGH, N. C.



GUANO YOU CAN DEPEND ON TO PRODUCE GOOD CROPS

See the SEABIRD
Agent in your local-
ity or write us and
we will tell you
where you can get
SEABIRD

General Information

It is anticipated that the attendance at the North Carolina State Fair this year will approximate a quarter of a million people. To serve this vast throng, it is necessary to have on the Fairgrounds, comprising over two hundred acres, a modern city, fully equipped, to make Fair visitors more comfortable.

PUBLIC SERVICES

The Southern Bell Telephone Company will maintain complete service, and toll pay stations at convenient points.

The Western Union and Postal Telegraph companies will maintain offices and complete service on the grounds.

INFORMATION BUREAU

An information bureau is maintained at the main office, where information will be given cheerfully and reliably. We will be happy to have you use this service.

ADMISSION TO GROUNDS

The general admission is 50 cents for adults. Children under 12 years of age 25 cents, with the exception of School Day, Friday, October 11th, when all school children in North Carolina are admitted free on special tickets they will secure from their respective school superintendents. Over 900,000 free school tickets will be given to all children in school in North Carolina, and a special invitation extended to visit their State Fair.

PRESS BUREAU

A press bureau and news headquarters will be located in the main office building, with an experienced newspaper man in charge. All newspaper men and representatives of all publications are cordially invited to make this office their headquarters. It will be a pleasure to furnish authentic information of news value to all newspaper men and to render any services and courtesies possible.

OPENING AND CLOSING

The North Carolina State Fair will be formally opened Tuesday, October 8th, at 8:00 a.m. and will close Saturday, October 12th, at 11:30 p.m.

FIRST-AID STATIONS, EMERGENCY HOSPITAL AND LADIES REST ROOM

All of these services are conveniently located on the grounds, with competent attendants in charge at all times.

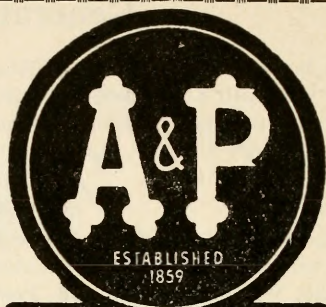
TRANSPORTATION

All carload shipments by freight, for exhibition purposes, should be billed as follows: For exhibit, North Carolina State Fair, Camp Polk, N. C., care S. A. L. Railway. Exhibits so billed will be delivered to grounds without extra switching charge.

The tariff rules, governing the shipment of articles for exhibition at



Sun Spot
Bottling Company
RALEIGH



FOOD STORES

TALCO FEEDS

ASK YOUR A&P
MANAGER
ABOUT

TALCO FEEDS

Double Service To North Carolina Farmers...

Not only do we supply the farmers of North Carolina with the highest quality foods at the lowest possible prices, but we also buy each year hundreds of thousands of dollars worth of merchandise produced by the farmers of the Old North State.

PENDER

Quality Food Stores

expositions and fairs, provide for a free return of such exhibits when accompanied by a certificate from the Secretary of the Fair, certifying that such shipment was on exhibition and the ownership of the same was not changed. Intending exhibitors should consult their local agent for particulars governing Fair shipments, as some kinds of exhibits are not returned free, and other conditions enter in if shipment is not returned direct. If your agent is unable to give you full particulars, write the Secretary of the State Fair.

EXHIBITORS' PARKING AREA

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

Rules Governing Entries, Exhibits and Awards

GENERAL

1. The management of the State Fair reserves the right to rule on all questions not covered by these rules.

2. In the event of conflict between the general rules and the special rules governing the various departments, the special rules will take precedence.

3. Disregard of any rule or misrepresentation by exhibit or concessionaire forfeits all premiums, rights and privileges, without recourse.

4. The management will use diligence to insure the safety of livestock and articles entered for exhibition or display after their arrival on the grounds, but under no circumstances will it be responsible for loss, injury, theft, or damage by fire, lightning, wind, or any other agency, to such livestock or article on exhibition or display.

5. Exhibitors must place all exhibits under the direction of the Superintendent in charge, and in no case can they be removed until the close of the Fair.

6. Promiscuous advertising is strictly prohibited. Exhibitors may advertise and distribute from their places of exhibit only. The distribution of advertising matter that conflicts in any manner with a concession sold by the management is prohibited.

7. No peddling, hawking or selling of any kind will be allowed in the buildings or on the grounds, except by special licenses obtained from the Secretary.

8. Drunkenness, quarreling or the use of profane or obscene language will not be allowed on the grounds.

9. The Fair will use every possible means to protect property. BUT WILL NOT BE RESPONSIBLE FOR CARS OR PARTS OF CARS, OR ARTICLES LEFT IN CARS.

Fireworks

Every Night!

BRILLIANT, RADIANT, AWE-INSPIRING DISPLAYS

Glorious Aerial Creations — Sparkling Set Pieces

Displays Furnished by

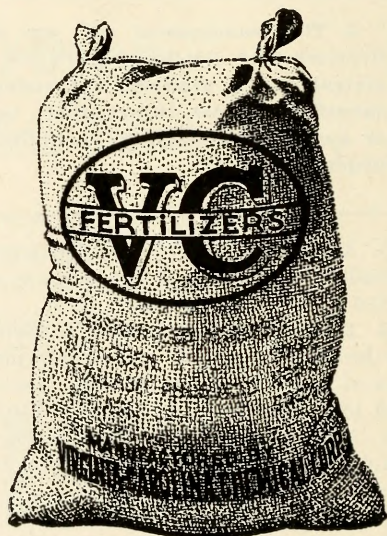
OHIO DISPLAY FIREWORKS CO.

NEW CASTLE, PENNSYLVANIA

There's a
V-C Fertilizer

For
EVERY CROP
On
EVERY FARM

— ⊕ —
**Virginia-Carolina
Chemical Corp.**



— ⊕ —
Greensboro, N. C. : Wilmington, N. C. : Norfolk, Va.

10. No begging will be allowed on the grounds.

11. No article or animal will be entitled to space until proper entry has been made. After an article has been entered for a premium, it cannot be removed until Saturday, October 12, at 4:00 p.m., without permission from the Secretary or the Director in charge of the Department; and if any person removes an article without such permission, he forfeits all claims to premiums, even if same shall have been awarded.

12. No booth will be entered until it is completed, or vouched for by the Director of the Department.

13. Each Department will be under the special charge of its Director. He will oversee the arrangements of all articles offered for exhibition in his department and have control of space assigned to him. He will receive all exhibits, take personal charge of them, and deliver the articles on presentation of check at the close of the Fair.

14. All judges will be instructed to disqualify articles entered under wrong classes.

ENTRIES

1. Competition in ALL DEPARTMENTS is limited to North Carolina.

2. Entries will be received at the office of the Secretary any time after October 1.

Entries in the various departments close on the following dates:

Livestock, Saturday, October 5th.

Poultry, Wednesday, October 2nd.

Flowers, Tuesday, October 8th, 12 noon.

All other departments, Saturday, October 5th.

In order to have the records ready for the judges, it is important that entries in all departments be made at the time designated above.

3. Entries in all departments must be made on printed forms provided by the Secretary for that purpose, and must be in full compliance with the printed instructions on same. These forms are mailed with copies of the Premium List. Exhibitors should study the list carefully, and when decision has been made in which classes to enter, they should fill out the entry blank with class number. Premium List number, and name, as they appear in the Premium Book.

Entries must be made at the office of the Secretary, in person or by mail. Remember that articles must be entered before being sent in for exhibit.

No entry will be taken at the time of the Fair unless there has been some mistake in copying the original entry, in which case correction can be made only in the office of the Secretary.

If records are altered and do not conform with the entries on file, payment of premiums will be withheld.

The right is reserved to reject any entry offered.

4. All entries, except get of sire and produce of dam in Dairy Cattle Department, must be made in the name of the bona fide owner. In order that a permanent record be on file, it is essential that the name and record number or record number and ear-tag number be given of all animals entered. Entries will not be accepted unless this information is furnished at time of making entry. All animals in the cattle, swine and

DIZE

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* * * * *

DIZE *Quality* Awnings
LOOK Better - - - LAST Longer

Manufacturers

Tents • Tarpaulins • Furniture Pads
VENETIAN BLINDS

RENTALS of all Styles and Size Tents
for Special Occasions and
Fair Exhibit Purposes

LARGEST MANUFACTURERS of
CANVAS PRODUCTS in the South

IF IT'S MADE of CANVAS, WE HAVE IT!

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Awning and Tent Co.

1512 S. Main St.

WINSTON-SALEM, N. C.

sheep breeding classes over six months old must be recorded and appear in the name of the exhibitor on the records of their respective associations. In the case of young animals, the date of birth and name and record number of sire and dam must be given.

All livestock, including cattle, swine and sheep, except get of sire and produce of dam in Dairy Cattle Department, must be owned by the exhibitor not less than sixty days prior to the opening of the State Fair.

All exhibitors who will mail in their entry blanks prior to October 7 will find their entry tags made and ready for them upon arrival.

5. Misrepresentation as to breeding and irregularity in showing will be exposed, and any premium won by such exhibitors will be withheld.

6. A firm, to be entitled to exhibit as such, must have been organized for a time not less than thirty days preceding the closing of entries, and such firm must be organized as a bona fide firm for the purpose of producing or buying and selling the animals or articles they propose to exhibit in the name of such firm. A firm will be regarded as one exhibitor.

7. Incomplete entries will be returned for correction, if there is time to do so. Exhibitors are urged to enter early and to use great care in filling out entry blanks, being particular to give all the information requested on the blanks, in clear terms, easily understood. This will save work and annoyance for both exhibitors and management.

8. All exhibits must be in place by 10:00 o'clock a.m., Tuesday, October 8th. Grounds will be open to receive exhibits one week before the Fair opens.

9. Collections and displays must be made up of specimens other than those entered in single classes, unless otherwise provided for.

10. All livestock on exhibition must be cared for by the exhibitor. All stalls and pens will be well bedded before the Fair, free of charge. Thereafter exhibitors will be required to furnish their own bedding. Feed and straw will be on sale on the grounds at reasonable prices.

11. All articles and livestock must be delivered to the grounds. No charge for transportation, express, freight or drayage will be paid by the Fair.

EXHIBITS

1. The same article cannot compete for two or more premium numbers, except sweepstakes, or when otherwise stated in the head notes in the department in which it is exhibited.

2. All entries must be numbered and recorded in the books of the proper department and class, and corresponding tags will be issued, which must be attached to exhibit before such can be placed on exhibition.

3. No person will be allowed to see the entries or have access to the entry book, until after the awards have been made.

4. Exhibitors must see to the delivery of any articles or livestock on the grounds, and to the proper care of the latter, as no charges for transportation or drayage will be paid by the Fair.

5. SPECIAL NOTICE.—All exhibits must be in place and fully installed by Monday, October 7th, 1940, to receive attention from the awarding judges. Exhibitors can have the use of the halls and grounds

A NORTH CAROLINA ORGANIZATION

S E R V I N G N O R T H C A R O L I N A

Over Nine Million Passengers Carried
Without a Single Passenger Fatality

AGAIN Our Fast Frequent Service
Direct to the Fairgrounds Gate

ROUND TRIP
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Carolina Trailways

The Line of "The Luxury Liners"

OUTSTANDING RESULTS for many years have given Richmond Fertilizers a reputation for high quality. Quality fertilizers can only be made from choice materials, carefully and skillfully manufactured. Richmond Fertilizers are made this way. They are QUALITY Fertilizers.

★ ★ ★

RICHMOND *Guano* CO.

RICHMOND, VA.

for any reasonable number of days before the opening day proper, for the arranging and placing of their exhibits, hence there is no good reason for delay.

6. Exhibitors should make themselves acquainted with the Premium List and Regulations, and be sure in what department and class their entries belong.

7. The original entry card must in all cases be attached to the exhibit except in the case of animals, when the card may be conspicuously displayed upon the stall or pen.

8. All exhibits sent by freight or express must be prepaid, and all plainly marked to "Secretary State Fair, Raleigh, N. C." They must also have the shipper's name and address on them and accompanied by bill of lading, that they may be properly cared for.

9. All exhibitors expecting to enter county booths are urged to report same to Secretary not later than September 25th, that proper space may be reserved for same.

10. Entries made in wrong classes may be reclassified at the request of judges, provided the reclassification is approved by the Director of the department.

11. Where there is only one entry in a class, it will receive second premium, unless otherwise stated elsewhere.

PASSES

Passes are issued only to exhibitors who must be in constant attendance on their exhibits. Or, as a courtesy for some service rendered the State Fair for which we are unable to pay. To these we are grateful, and ask that they confine the use of the pass to the person to whom it is issued.

PATRONS

Patrons are requested to report any discourtesies from any gateman or employe, also to make any constructive criticisms or offer helpful suggestions toward bettering any part or department of this, your State Fair. If for any reason there is a misunderstanding about admissions at gates, on passes or otherwise, please pay the gateman the regular admission asked, take a receipt for same, and come direct to the Secretary's office. This will save you time and avoid unnecessary blocking of traffic at the gates, which is always heavy. Remember that the men on the gates are working on strict orders from the office and are not allowed to vary from them.

INSTRUCTIONS TO DEPARTMENT DIRECTORS

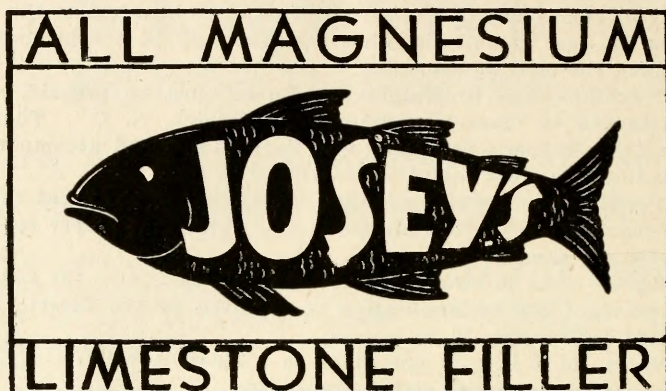
1. No director of any department will be permitted to employ help without written permission from the management. An order for all supplies must be obtained from the management. All bills must be obtained at time of delivery by department heads and ok'd by them.

2. Directors will receive all property entered for exhibition and see that tags are securely attached, and arrange such property in a suitable and attractive manner.

3. They will also see that property is not removed before appointed time, and that the checks are detached from property when removed, as a means to prevent frauds and mistakes by such removals.

4. They will see that their departments are kept clean and orderly at all times.

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About the Top Quality and Top Prices
Made Possible by Using the Famous

Josey ALL-CREAM BRANDS

For TOBACCO

and

Josey STANDARD BRANDS

For ALL CROPS

Made Better by Using Only All Magnesium
Limestone Filler

Manufactured and for Sale by

**JOSEY FERTILIZER
CORPORATION**

WILMINGTON, NORTH CAROLINA

5. Directors are **POSITIVELY** forbidden to make suggestions or interfere with the judges in any way whatsoever.

6. Directors and others connected with the State Fair and their immediate families are prohibited from exhibiting in their respective departments.

JUDGES

1. The judges of awards, when ready for duty, shall be furnished by the Secretary with a list of all entries in their respective departments, and books in which their awards are to be recorded.

2. Judges are especially instructed not to award premiums to any animal or article because of its presence. It must be individually worthy. It is not the policy of this Fair to encourage indifferent production of any kind, or to distribute premiums equally among exhibitors, and no premiums should be awarded to any animal or article that does not possess high intrinsic merit.

3. The director in charge shall attend the judges when making the examinations in his respective department, and furnish them with any desired information. Premiums will not be paid parties having exhibits where it is proven that they accompanied the judges when awarding the premiums. As the awards are made, the director will attach the ribbon indicating the award.

4. Decisions of judges will be considered as final, and no appeal will be considered except in cases of protest in writing, with strong evidence of fraud or violation of the rules of the Fair, which may be filed with the management before the premiums have been presented.

5. Reports must be signed by each judge in his own handwriting, but judges cannot award premiums to articles not in the regular Premium List.

6. The exhibition of articles or animals not mentioned in the regular Premium List is solicited. These will be properly judged and reported on by the judges, and ribbons attached, but no money will be awarded.

7. With the permission of the director, judges may have wrong entries reclassified.

8. Judges will award second premiums on all single exhibits, unless otherwise stated.

FEES

1. All applications for stalls and pens must be noted on entry blanks at time for filing. Exhibitors must indicate on the blank the number of animals or birds they will exhibit. This request is important, that ample provision may be made to properly house the exhibit.

2. Reservations will not be made unless accompanied by the required fee. Assignments will be made by the superintendent in charge.

3. The following fees will govern, and remittances covering same should accompany entry:

Cattle, each animal (regardless of age).....	\$1.00
Swine, pen	1.00
Sheep, pen	1.00
Poultry, single bird, special class.....	.25
Poultry, trio, special class.....	.75
Poultry, single bird, regular class.....	.25

If more than one stall is used for any animal, an additional charge must be paid.

Excellent Food

REASONABLE PRICES



CHARLOTTE
ASHEVILLE

RALEIGH
CHATTANOOGA

KNOXVILLE
ATLANTA

ROANOKE
WASHINGTON

An Organization Specializing Exclusively
in the Production and Serving of
Wholesome Foods

E. G. Staats & Co., Inc.

MT. PLEASANT, IOWA



Manufacturers of

PREMIUM RIBBONS
ROSETTES and BADGES



The NORTH CAROLINA STATE FAIR is using Ribbons
made by the E. G. Staats & Company, Inc., Mt. Pleasant,
Iowa, and takes pleasure in recommending Staats Quality
Ribbons to their friends.

AWARDS

1. Awards will be made by single judge system.
2. No unworthy animal or exhibit will be awarded a premium.
3. Where there is no competition in any class or exhibit in any department, only half premium will be awarded unless in the opinion of the judges and superintendents the exhibit is sufficiently meritorious as to justify the full award as provided for.

4. The following colors will be used to designate awards.

Champion	Royal Purple
Reserve Champion	Lavender
First Premium	Blue
Second Premium	Red
Third Premium	White
Fourth Premium	Pink
Fifth Premium	Yellow
Sixth Premium	Dark Green
Seventh Premium	Light Green
Eighth Premium	Tan
Ninth Premium	Gray
Tenth Premium	Light Blue

RELEASE

1. All livestock and poultry exhibits will be released at 4 o'clock p. m., Saturday, October 12th.

2. All general exhibits will be released after 8:00 o'clock p. m., Saturday, October 12th.

3. All exhibits are under the direct supervision of the directors in charge, and are on exhibition as a part of the Fair's attractions.

It is agreed by the exhibitors in making their entries that they will comply with the rules of the State Fair. The directors must see that all exhibits are in place until time for removal, as designated above.

PROTESTS AND APPEALS

1. Protests must be made in writing and filed with the Secretary by noon of day following award, accompanied by a protest fee of \$5.00, which will be retained by the North Carolina State Fair if protest is not sustained.

2. All protests will be considered at a time set by the management of the State Fair, and all parties interested will be notified.

3. The North Carolina State Fair has adopted the rules of the International Association of Fairs and Expositions governing appeals.

SPECIAL HERDSMAN'S PRIZE

These prizes will be awarded to the herdsman who keep their animals and that portion of the barn in which they are quartered in the best and most attractive condition. Three judges will be selected to make these awards.

In the Dairy Cattle Barn

First prize—\$6.00 Second prize—\$4.00 Third prize—\$2.50

In the Swine and Sheep Barn

First prize—\$6.00 Second prize—\$4.00 Third prize—\$2.50

In the Beef Cattle Barn

First prize—\$6.00 Second prize—\$4.00 Third prize—\$2.50

ALL the
»Grandstand«
»Attractions«

APPEARING AT THE FAIR

Are Supplied by the
World's Foremost Outdoor Booking Agency

GEORGE A. HAMID, Inc.

10 Rockefeller Plaza, Radio City, N. Y.

**722 Empire Building
PITTSBURGH, PA.**

**260 Tremont Street
BOSTON, MASS.**

**133 Grove Avenue
OCEAN VIEW (Norfolk), VA.**

**PHONES: Circle 5-8930
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8932**

When In Atlantic City Visit

Hamid's Million Dollar Pier

"A World's Fair of Amusement"

ELECTRIC LIGHT AND POWER

Application for electric light and power must be made in writing, and payment must be made when service is installed.

Where outside wiring is necessary, a fixed charge of \$3.00 will be made for each 50 feet or fraction thereof for making connection.

If located inside of building where wiring exists, any additional labor or material must be paid for by the applicant.

No service will be given for less than minimum charge of \$2.00.

On all motors with capacity of one h.p. or over, even horsepower will be the unit for fixing charge. Motor charge based on not more than 10 hours service per day for the five days of the Fair.

The current is alternating single phase, 60 cycles, 104 voltage.

On all meter readings a charge of 10c per kilowatt hour will be made. The charge for light based on six days service will be as follows:

Tungsten Lamps

25 Watt	\$.75	150 Watt	\$1.50
40 Watt .....	.80	200 Watt	2.00
60 Watt .....	.85	300 Watt	2.50
75 Watt .....	.90	500 Watt	3.50
100 Watt	1.00	750 Watt	5.00

The charge for electric current for power will be as follows:

$\frac{1}{8}$ H. P. Motor.....	\$1.00	$\frac{3}{4}$ H. P. Motor.....	\$4.00
$\frac{1}{4}$ H. P. Motor.....	1.50	1 H. P. Motor.....	4.50
$\frac{1}{2}$ H. P. Motor.....	3.50		

Electric stoves, grills, percolators, waffle irons, and all electrical equipment will be charged for at the regular rate.

FEED

A feed and forage concession is located on the North Carolina State Fairgrounds, where all kinds of feed may be had at prevailing prices.

The BLAND

"The Hotel Everybody Knows"
and

THE COLONIAL PINES

"A Suburban Hotel of Distinction"

Are Most Happy to Serve You

V. ST. CLOUD, Manager

Raleigh, N. C.

Parrish Dray Line

LOCAL and LONG DISTANCE HAULING

- - - Operating Under I. C. C. - - -

**Household and New Furniture One of
Our Specialties**

106 DINGLE ST.

SUMTER, S. C.

The Champion Paper and Fiber Company

PIONEERS

In the Manufacture of

**DIVERSIFIED PULP AND PAPER
IN THE SOUTH**

Chemical Wood Pulp—Book, Bond and Envelope Paper—
Postcard, Stencil and Bristol Board—Tannic Acid—
Caustic Soda—Turpentine—Bindex (Adhesive)—
Troistol (fatty acid)

Caustic Soda:

Liquid, solid and fused form, especially prepared
and purified for the Textile Industry's most exacting
requirements.

COUNTY PROGRESS EXHIBITS



Department A

By F. H. JETER, Superintendent

For the third time, the North Carolina State Fair in 1940 will feature County Progress Exhibits.

The following premiums will be awarded:

1. First prize	\$ 650.00
Second prize	500.00
Third prize	300.00
Fourth prize	200.00
Fifth prize	100.00
Sixth prize	50.00
Seventh prize	50.00
Eighth prize	50.00
Ninth prize	50.00
Tenth prize	50.00
Total	\$2,000.00

Dividing the premium money in this way, exhibitors are assured down to tenth prize of a premium which will, in part, help to defray the expenses of bringing an exhibit to the Fair.

In judging the exhibits, the following score card will be used:

Attractiveness of Exhibit	35 per cent
Balanced Display	30 per cent
Representative of County	20 per cent
Quality of Materials	15 per cent
Total	100 per cent

This score card means that the exhibit should be attractively arranged, well put up and so planned that it is pleasing to the eye. Second, the display should be well balanced between agriculture, industry and education, as these three major factors may occur within a county. As was the case in 1938 when this new department was first added to the Fair, it is the hope and purpose of the management that each exhibit entered shall be a miniature exposition of the three great leading industries of each county. Therefore, it should be the purpose of the exhibitor to try to secure a balance between each of the three phases and not paramount one over the other.

The News and Observer

"THE OLD RELIABLE"

FOREMOST IN

News, Sports, Features, Advertising, and Circulation
Authentic Farm Page Every Monday

JOSEPHUS DANIELS, President

BE SURE *with* PURE

Pure Oil Company of the Carolinas, Inc.

Boyett Sprayers

Massey Harris
and Oliver
Farm Implements

DuPont Paints

N. C. Tested Seeds

**Job P. Wyatt &
Son's Co.**

— Since 1881 —

RALEIGH, N. C.

WE MANUFACTURE AND SELL

High-Grade Fertilizers for Every Crop

NORTH CAROLINA FARMERS, TAKE NOTICE! You can get from our CHARLOTTE (N. C.) PLANT specially prepared fertilizers for any crops you grow—Cotton, Tobacco, Peaches, Vegetables, Pastures, Gardens, and Flowers

Planters Fertilizer & Phosphate Company

CHARLOTTE, N. C.

CHARLESTON, S. C. — ANDERSON, S. C.

By all means, the exhibit must be representative of the county. If the leading industry should be textile manufacturing, dairy manufacturing, tobacco manufacturing, mining, tourist, beaches, lumber, or what not; then that industry or industries should receive the proper attention. Similarly, the display should devote attention to the agriculture of the county whether it be tobacco growing, cotton growing, trucking, peanuts, soybeans, orchards or a combination of these. If there is a balanced agriculture in the county, it would be well to prove this; but a conglomeration of small agricultural items displayed simply for the purpose of showing something of everything that can be grown is not desirable. A diversified farming system with gardens, dairying, hog growing, and so on balanced with cash crops and **good farming methods** is always good. Then, new factors, influences, trends and results in the field of education need to be shown.

As to quality of materials, no one will want to exhibit any material that is not of the finest quality obtainable in the county. Shoddy, low-grade materials used in the display unless for purposes of contrast will be judged accordingly.

In general then, it may be said that in the field of education should be shown the new and progressive ideals and accomplishments with schools of both grammar and high school grades with any phase of the work done in these schools under the supervision of the county or city departments of education; in the field of rural life should be exhibited improved farm and home methods showing definite accomplishments on the land by rural men and women, girls and boys, with some of the outstanding movements which have had the support of all the farm people; in the field of industrial development should be shown progress made in the major industries and commercial development of the county whether in the field of mining, manufacturing, lumbering, tourist or any other paramount industry.

These tri-purpose exhibits are being encouraged so that the great resources of North Carolina might be brought to the forefront in a fitting and comprehensive manner, and it is desired that the county home and farm agents, vocational teachers, school superintendents and principals, boards of trade and chambers of commerce, manufacturers, civic clubs and women's organizations will all have a part in planning and preparing the exhibits displayed. Substantial prizes are offered for the first five places and the judges will consider carefully, in placing the awards, whether the exhibit gives a balanced portrayal of the education, farming and industrial activities of the county.

It is expected that the three phases of the exhibit shall be attractively displayed with representative materials secured within the borders of the county entered.

The exhibit should be planned to cover 30 running feet of space. The height can be 10 feet to the window sills on the back wall and the side walls and back may be arranged as the exhibitor sees fit. Since exhibits of this kind require much space, reservations should be made promptly.

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delicious and
refreshing"



5¢



"Delicious and refreshing." These are the reasons why *the pause that refreshes* with ice-cold Coca-Cola is America's favorite moment. Everybody welcomes the pleasing taste of Coca-Cola and the happy after-sense of complete refreshment.

THE PAUSE THAT REFRESHES

Bottled under authority of The Coca-Cola Co. by
THE CAPITAL COCA-COLA BOTTLING CO., Inc.

Dial 2-1179

Raleigh, N. C.

FIELD CROPS AND FARM EXHIBITS



Department B

DIRECTORS

R. E. CURRIN, JR., *Upper Coastal Plain Station, Rocky Mount, N. C.*

R. J. HARRIS, *Central Experiment Station, Raleigh, N. C.*

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

Entries in This Department Close Saturday, October 5, 6:00 P. M.

Entries in all departments must be made on printed forms, provided by the Secretary for the purpose, and must be in full compliance with the printed instructions on same. Exhibitors should study the list carefully, and, when decision has been made in which class to enter, they should fill out the entry blank with class number and name as they appear in the Premium Book. Do not send in your articles for exhibit without first having them entered.

In sending exhibits by parcel post, express, or otherwise, address each package plainly to State Fair, DEPARTMENT B, Raleigh, N. C. Each package should be plainly marked with name and address of exhibitor.

Note the above date for the closing of entries in this Department.

Products in this Department are confined to the State of North Carolina.

Exhibits in this Department will be classified and exhibitors will be directed by the Superintendent in the placing of their entries.

No premium shall be awarded in any of the classes or exhibits in the Department when, in the opinion of the judges, the exhibits are not meritorious in variety, quality, artistic arrangement, and educational value.

Read Rules Governing Entries, Exhibits and Awards, pages 27 to 39.

FIELD CROP EXHIBITS

Judges: W. H. DARST, W. H. CHAPMAN, P. H. KIME,
DR. G. K. MIDDLETON

No exhibitor shall be allowed to enter more than one exhibit of any variety in the following classes:

CORN

Best Ten Ears (Unnubbed)

Class B	1st	2d	3d
2—Cocke's Prolific	\$5.00	\$2.50	\$2.00
3—Weekly's Improved.....	5.00	2.50	2.00
4—Biggs Two-ear	5.00	2.50	2.00

1840

A CENTURY OF SERVICE

1940

100 Years Ago . . .

In 1840, our farmers in this region, were battling with "worn out" lands. For nearly 200 years, our fathers had been preparing "new ground" for all of their crops. Finally, there was no more "new ground." And the struggle for existence was on. It was then that

The Southern Planter

RICHMOND, VIRGINIA

was born. It immediately challenged the "one crop" farming system, laid out a course for diversified farming, rehabilitation of worn out soils and "living at home."

¶ The abundant success of this program is evidenced by the conditions in its territory. We are mighty proud of our record for this past century.

¶ We are also proud of the wonderful support of four generations of you farmers who have cooperated with us, encouraged us and supported us all the way.

¶ There are more than 300,000 of you on our rolls today.

The Southern Planter

Established 1840

RICHMOND, VIRGINIA

1840

A CENTURY OF SERVICE

1940

Class B	Corn—Continued	1st	2d	3d
5—Latham's Double		\$5.00	\$2.50	\$2.00
6—Southern Beauty		5.00	2.50	2.00
7—Holcombe Prolific		5.00	2.50	2.00
8—Jarvis Golden Prolific		5.00	2.50	2.00
9—Indian Chief		5.00	2.50	2.00
10—Highland Horsetooth		5.00	2.50	2.00
11—Any other variety (Yellow Corn)		5.00	2.50	2.00
12—Any other variety (White Corn)		5.00	2.50	2.00

Class C		1st	2d	3d
13—Five heads of Broomcorn.....		\$2.00	\$1.00	\$0.50
14—Ten ears of Popcorn		2.00	1.00	.50
15—Sorghum, five stalks, heads attached.....		2.00	1.00	.50

COTTON

Most prolific and best exhibit of the following varieties of cotton, consisting of 50 open bolls mounted on cardboard:

Class D		1st	2d	3d
16—Mexican Big Boll, 1" to 1 1/16".....		\$4.00	\$2.00	\$1.50
17—Cokers 100		4.00	2.00	1.50
18—Clewilt and Dixie Triumph, 1" to 1 1/16".....		4.00	2.00	1.50
19—Cokers 4 in 1, 1" to 1 1/16".....		4.00	2.00	1.50
20—Any long staple variety, 1 1/4" to 1 1/2".....		4.00	2.00	1.50

SEED COTTON AND LINT

	1st	2d	3d
21—Exhibit Lint, 1 lb., 7/8" to 15/16".....	\$2.00	\$1.00	\$0.75
22—Exhibit Lint, 1 lb., 1" to 1 1/8".....	2.00	1.00	.75
23—Cottonseed—Best peck seed.....	2.00	1.00	.75

WHEAT

To be shown in pecks. Exhibits containing a mixture of other grains, onions, or cockle will be disqualified.

Class E		1st	2d	3d
24—Any variety soft Red Winter Wheat.....		\$7.50	\$5.00	\$3.00
25—Peck of Buckwheat.....		2.00	1.50	1.00
26—Best sheaf of Wheat.....		2.00	1.50	1.00

OATS

To be shown in pecks. Exhibits containing a mixture of other grains, onions, or cockle will be disqualified.

Class F		1st	2d	3d
27—Lee		\$2.00	\$1.50	\$1.00
28—Fulghum		2.00	1.50	1.00
29—Fulgrain		2.00	1.50	1.00
30—Best sheaf of Oats		2.00	1.50	1.00

RYE AND BARLEY

To be shown in pecks. Exhibits containing a mixture of other grains, onions, or cockle will be disqualified.

Class G		1st	2d	3d
31—Common Rye		\$2.00	\$1.50	\$1.00
32—Abruzzi		2.00	1.50	1.00
33—Tennessee Hooded Barley		2.00	1.50	1.00
34—Bearded Barley		2.00	1.50	1.00
35—Best Sheaf Barley		2.00	1.50	1.00

FARMERS FIDELITY

OPEN FORMULA

POULTRY, DAIRY and STOCK
MIXED FEEDS

Farmers Fidelity Mixed Feeds Are
Laboratory Tested Daily for Uniformity
Sold Through Certified Dealers

Formulas under which Farmers Fidelity Feeds are
manufactured are approved by your N. C. State College
MANUFACTURED and GUARANTEED by

STATESVILLE
Flour Mills Co.

(INCORPORATED)

"The Southeast's Largest Mills"

STATESVILLE, N. C.

SOYBEANS

Peck to be shown in containers which will be furnished.

Class H	1st	2d	3d
36—Mammoth Yellow	\$2.00	\$1.00	\$0.50
37—Virginia	2.00	1.00	.50
38—Tokyo	2.00	1.00	.50
39—Laredo	2.00	1.00	.50
40—Herman	2.00	1.00	.50
41—Otootan	2.00	1.00	.50
42—Biloxi	2.00	1.00	.50
43—Clemson	2.00	1.00	.50
44—One stalk, any above varieties for seed.....	2.00	1.00	.50
45—Best stalk any variety for hay.....	2.00	1.00	.50

VELVET BEANS

Peck to be shown in containers which will be furnished.

Class I	1st	2d	3d
46—100-day Speckled.....	\$2.00	\$1.00	\$0.50

VETCH

Class J	1st	2d	3d
47—Quart Hairy Seed—Container furnished.....	\$1.25	\$1.00	\$0.75

COWPEAS

Peck to be shown in containers which will be furnished.

Class K	1st	2d	3d
48—New Era	\$1.50	\$1.00	\$0.50
49—Brabham	1.50	1.00	.50
50—Whippoorwill	1.50	1.00	.50
51—Taylor	1.50	1.00	.50
52—Crowder	1.50	1.00	.50
53—Black	1.50	1.00	.50
54—Clay	1.50	1.00	.50
55—Groit	1.50	1.00	.50
56—Black Eye	1.50	1.00	.50
57—Iron	1.50	1.00	.50

PEANUTS

Each single exhibit shall consist of one peck of peanuts. Peck containers will be furnished.

Class L	1st	2d	3d
58—Virginia Runner	\$1.50	\$1.00	\$0.50
59—Virginia Bunch	1.50	1.00	.50
60—Jumbo Runner	1.50	1.00	.50
61—Spanish	1.50	1.00	.50
62—North Carolina or Wilmington Runner.....	1.50	1.00	.50
63—Valencia	1.50	1.00	.50
Sweepstakes—Classes 58 to 63.....	2.00		

CLOVER AND LESPEDEZA

Best sheaf of following:

Class M	1st	2d	3d
64—Red Clover	\$1.25	\$0.75	\$0.50
65—Crimson Clover	1.25	.75	.50
66—Sweet Clover	1.25	.75	.50

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**Construction Equipment, Road Machinery
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North Carolina Equipment Co.
State Distributors

for the following lines of equipment:

Aeroil Heating Kettles
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Dorsey Stump Pullers
Dowflake Calcium Chloride
Elgin Pick-up Sweepers, Auto-Eductors and Refuse-Getters
Euclid Trac-Truks, Scrapers, Bulldozers, etc.
Fairbanks-Morse Scales
Fairfield Car Unloaders and Conveyors
FWD Four-Wheel Drive Trucks
Galion Allsteel Dump Bodies and Hoists
Galion Motor Graders, Rollers, Road Machines, etc.
Georgia Sand Pumps
Good Roads Crushers and Snow Plows
Heltzel Steel Road, Curb and Gutter and Sidewalk Forms
Highway Logging and Semi-Trailers
Hough Tractor Loaders
Ingersoll-Rand Compressors, Rock Drills, etc.
International Tractors and Power Units
Jackson Hydraulic Vibrators
Jaeger Finishers, Mixers, Pumps, Hoists, etc.
Johnson Bins and Batchers
Kensington Manganese Crusher Jaws, Dipper Teeth, etc.
Northwest Cranes, Shovels, and Draglines
R-B Subgraders
Rogers Heavy Duty Low-Bed Trailers
Sasgen Winches and Derricks
South Bend Distributors
Telsmith Crushers

THIS COMPANY also carries on hand at all times a complete stock of thoroughly rebuilt equipment for rent or sale. Prices are reasonable and your inquiries will be appreciated.

North Carolina Equipment Co.

RALEIGH—Phone 8836

STATESVILLE—Phone 34

Class M	Clover and Lespedeza—Continued	1st	2d	3d
67—Korean Lespedeza		\$1.25	\$0.75	\$0.50
68—Tennessee No. 76 Lespedeza		1.25	.75	.50
69—Common Lespedeza		1.25	.75	.50
70—Kobe Lespedeza		1.25	.75	.50

HAYS

Each hay exhibit shall consist of one bale, not less than fifty pounds and not more than one hundred pounds in weight. Unbaled hay will be disqualified.

Class N	1st	2d	3d
71—Peanuts	\$1.25	\$0.75	\$0.50
72—Cowpeas	1.25	.75	.50
73—Red Clover	1.25	.75	.50
74—Crimson Clover	1.25	.75	.50
75—Soybean	1.25	.75	.50
76—Alfalfa	1.25	.75	.50
77—Mixed Oats and Hairy Vetch	1.25	.75	.50
78—Timothy	1.25	.75	.50
79—Sudan Grass	1.25	.75	.50
80—Lespedeza	1.25	.75	.50
81—Mixed Hay with Legumes	1.25	.75	.50

TOBACCO

Growers' Contest

JAMES F. BULLOCK, *Tobacco Experiment Station, Oxford, N. C.,*
Superintendent

Judges: E. G. MOSS, ANDREW JAMIESON

Not less than three pounds or more than three pounds to be shown in each class or of any grade in display.

For Old Belt Types

Class O	1st	2d	3d	4th
82—Lemon Wrappers	\$12.00	\$7.50	\$5.00	\$3.00
83—Orange Wrappers	12.00	7.50	5.00	3.00
84—Dark Mahogany Wrappers	12.00	6.00	3.00	2.00
85—Light Mahogany Wrappers	12.00	6.00	3.00	2.00
86—Cutters	12.00	6.00	3.00	2.00
87—Smokers	12.00	6.00	3.00	2.00
88—Light Fillers	8.00	4.00	2.00	1.00

For New Belt Types

Class P	1st	2d	3d	4th
89—Lemon Wrappers	\$12.00	\$7.50	\$5.00	\$3.00
90—Orange Wrappers	12.00	7.50	5.00	3.00
91—Cutters	12.00	6.00	3.00	2.00
92—Smokers	12.00	6.00	3.00	2.00

TOBACCO DISPLAYS

Class Q	1st	2d	3d	4th
93—Display of bright Wrappers, Cutters Smokers, and Fillers by one producer (this must not include any entry for single premium)	\$20.00	\$15.00	\$10.00	\$5.00

Use

ALCO

FEEDS OF MERIT

For Over 25 Years **ALCO FEED MILLS**
Have Manufactured the Best Quality
Horse and Mule—Dairy—Poultry
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ALCO Profit Producing Feeds Are
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Charlotte, N. C.

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Kenly, N. C.

CONSIDERATION IN JUDGING QUALITY IN CROP SEEDS

Corn

CONSIDERATIONS

1. Maturity (ear)
 - (a) Color (ear and shanks)
 - (b) Starchiness
 - (c) Weight in proportion
 - (d) Firmness (ear)
2. Seed condition (kernels)
 - (a) Luster of kernels
 - (b) Blisters
 - (c) Breaking out of kernels
 - (d) Disease and insect damage
 - (e) Shape and plumpness of kernels
3. Uniformity and trueness to type for variety and region where grown

DISQUALIFICATIONS

Sample infested with live weevil
 Evidence to deceive as to true quality
 One off-colored cob in sample of ten ears
 More than two off-colored kernels in sample of ten ears

Oats

1. Maturity and seed condition
 - (a) Color
 - (b) Relative weight
 - (c) Plumpness of grain
 - (d) Damage; insect, mechanical, disease
2. Purity of variety
3. Foreign material
4. Percentage of hull

Sample infested with live weevil
 Evidence to deceive as to true quality (bleaching)
 More than two per cent mixture of variety
 Presence of noxious weed seeds or any other objectionable matter.

Wheat

1. Maturity and seed condition
 - (a) Weight per bushel
 - (b) Damage; insect, disease, mechanical
 - (c) Color and luster
 - (d) Plumpness
2. Milling quality
 - (a) Hardness and color of grain
 - (b) Uniformity and plumpness of kernels
 - (c) Weight per bushel
3. Uniformity and purity of variety
4. Foreign materials
 - (a) Weed seeds
 - (b) Other crop seed
 - (c) Inert matter

Sample infested with live weevil
 Evidence to deceive as to true quality (treated, scoured, washed)
 Mixed as to class or more than two per cent mixture of variety
 One or more bulbets of wild onion per 1,000 grams
 Smutty wheat

Barley

Same as for Oats, adding to No. 1 "Closeness of threshing" and omitting No. 4

Sample infested with live weevil
 More than two per cent mixture of variety
 Presence of noxious weeds or any other matter

Rye

Same as for Wheat, omitting No. 3

Sample infested with live weevil
 More than two per cent mixture of variety
 Presence of ergot or other objectionable material

Prize Winning Tobaccos State Fair 1939 Showing What WEIL'S Fertilizers Will Do

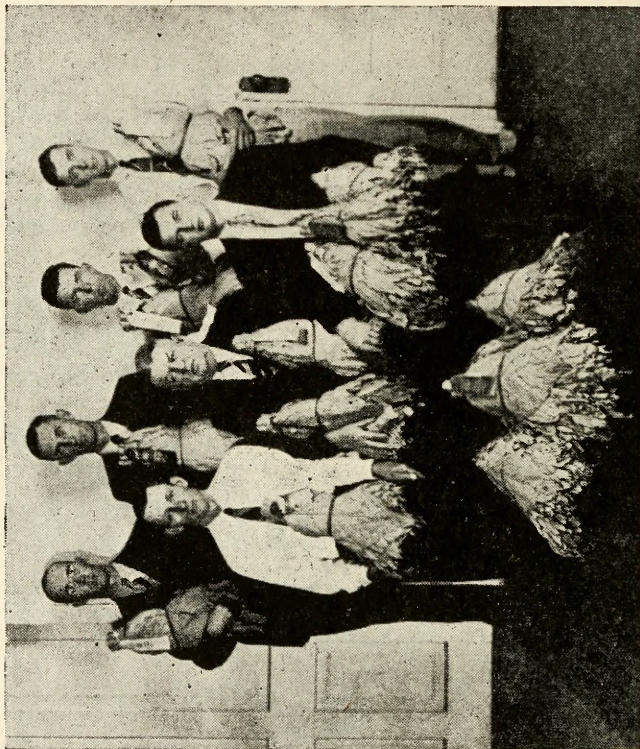
This group of tobacco growers won 12 Prizes including 4 Blue Ribbons and Grand Display for best quality Smokers, Cutters, Wrappers and Fillers.

Front row, beginning at left: George Bucham, Duplin County, W. B. Currin, Lillington; J. A. Currin, Harnet County.

Back row, beginning at left: Wesley Davis, Patetown; Leland O. Scott, Belfast; Carl Grantam, Goldsboro, R-2; W. S. Hare, Pikeville.

All these tobaccos were grown with WEIL'S A-1 and PRESS-ON Tobacco Growers with

RIPENS RIGHT
Side-Dresser



These "Tested on the Farm" Fertilizers are made by
WEIL'S FERTILIZER WORKS
GOLDSBORO, N. C.

FIRST
PREMIUM



NORTH
CAROLINA
STATE FAIR

RALEIGH

1939

Large Seeded Legumes (Soybeans, Cowpeas, etc.)**CONSIDERATIONS**

1. **Maturity and seed condition**
 - (a) Color and luster
 - (b) Plumpness
 - (c) Damage; mechanical, insect, and disease
2. **Purity as to variety**
 - (a) Color and color marking
 - (b) Size and shape of seed
3. **Foreign material**

DISQUALIFICATIONS

Sample infested with live weevil
Any mixture of variety
Distinctly low quality
Presence of morning glory seed

Small Seeded Legumes (Clover, Alfalfa, etc.)

1. **Purity**
 - (a) Other crop seeds
 - (b) Total weed seeds
 - (c) Noxious weed seeds
 - (d) Inert matter
2. **Seed condition**
 - (a) Luster and plumpness of seed
 - (b) Damage; mechanical, insect
3. **Uniformity, size, shape, and color**

Presence of noxious weed seeds (1 per 1,000); dodder, buckhorn, Canada thistle, and dock
Sample should be 99.5 per cent pure seed by weight

"RALEIGH'S LARGEST AND FINEST"

H O T E L
Sir Walter

Every Room Radio—Circulating Ice Water
Air-Conditioned Coffee Shop

400 Rooms with Bath
Rates \$2.50 up

ROLAND A. MUMFORD
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AUTO RACES

World's Greatest Drivers
100 Laps Motor Madness

NORTH CAROLINA STATE FAIR
Saturday, October 12, 1940

DIRECTION OF
HANKINSON SPEEDWAYS
NEW YORK PHILADELPHIA ORANGE CITY, FLA.

HORTICULTURE PRODUCTS



Department C

DIRECTORS

CHARLES DEARING, *Coastal Plain Station, Willard, N. C.*

H. R. NISWONGER, *State College, Raleigh, N. C.*

ROBERT SCHMIDT, *State College, Raleigh, N. C.*

Note to Exhibitors: It will avoid confusion and add to the exhibitor's convenience if, so far as possible, entry blanks covering each exhibit to be entered for premiums be filled out in advance and mailed to the Secretary, North Carolina State Fair, Raleigh, N. C. When this is done the entry tags are made out in advance ready for the exhibitor on arrival. This avoids much waiting. These entry tags should be secured at the Entry Clerk's office and presented to the superintendent of the horticultural department or his representative at the same time exhibits are delivered to the department. Entry blanks and catalogs listing the premiums classes can be secured upon application to the Secretary. Read rules governing entries, exhibits and awards, pages 27 to 39.

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

FRUITS AND NUTS

Judge: M. E. GARDNER, Horticulturist, State College, Raleigh, N. C.

Entries Close 12:00 Noon, Monday, October 7, 1940

Entries open to individual growers and orchard companies of North Carolina.

Important. Each exhibitor should read the following carefully:

As far as possible, it is desirable that horticultural exhibits be brought in and set up by the growers. Where this is not possible the Superintendent will be glad to receive and place on exhibit all suitable horticultural products sent in. However, the Superintendent will not pack box, basket or barrel entries for exhibit. These must come in already packed. All exhibits competing for premiums must be grown in the State.

In sending in fruit for exhibition, select only those specimens that are perfect in form and color, and free from all insect and fungus blemishes. Do not knock or shake off the fruit from the tree, but pick each specimen by hand, taking care not to pull out the stem.

Fruit should be exhibited as nearly as possible in its natural state, and no preference will be given highly polished fruit by the judges.

DINE WITH US!...

ENJOY MOST DELICIOUS FOODS

Prices Reasonable

TWO OF THE BEST EATING PLACES
IN RALEIGH, N. C.

AIR-CONDITIONED — WE WELCOME YOU

**THE
RALEIGH
DINER**

401 Fayetteville Street

Dial 5441

**DIXIE
DINER**

123 West Martin Street

Dial 6949

"The Natural Thing
to Drink"

ORANGEADE
TOMATO COCKTAIL
GRAPEADE



REAL FRUIT JUICES

It's Not Carbonated

PINEADE
GRAPEFRUIT COCKTAIL
LEM-O-NIP

212 S. West Street
RALEIGH, N. C.
Phone 6590

Fruit to be exhibited in trays, and in plates, should be carefully wrapped and packed. Each fruit should be wrapped separately in paper and packed firmly in box or barrel, taking care to avoid bruising. Label each variety plainly and put in paper dividers to keep varieties separated. Do not use hay, fodder, excelsior, or any other dusty material in packing. Nail up firmly.

IMPORTANT—READ

If exhibit must be shipped, address each package plainly to "State Fair, Department of Horticulture, Raleigh, N. C." Each package should be plainly marked with the name and address of the exhibitor. Each package should be plainly marked giving the class in which contents are entered.

PLATES. Plates for the variety exhibits of fruits will be furnished free by the Fair. A perfect plate of fruit should contain five specimens, and no more, characteristic of the variety, with stems attached, of high color, uniform, marketable size, free from cuts and bruises and all insect and fungus blemishes. If additional specimens are sent in by growers, the Superintendent will select and place on exhibit the best possible plate to be made from all the specimens submitted.

TRAYS. The dimensions of the trays are $11\frac{1}{2}$ x 18 x 3 inches inside measurements. The exhibitor should make a tray of the required dimensions and pack each variety to be displayed in this class, in order to know how many apples are needed. Four or five extra apples per tray should be sent in order to allow for rot and damage in transit.

BASKETS. Commercial basket apples should be graded to uniform size, high color, freedom from bruises, insect and fungus blemishes. They should be properly packed and ring faced in standard bushel baskets.

GENERAL RULES. A premium offered for a general collection of fruit will not be awarded to a mere pile of apples, or other fruit, but must be a real collection, arranged on plates and all correctly labeled, and no fruit will be counted in a collection unless it is a fair specimen of the variety. No trashy fruit of any kind will be counted merely to make up a collection. A premium for the best collection of grapes, peaches or any other fruit will not be awarded for a mere number, but to the quality of the exhibit mainly. Fruit entered under the heading "Any Other Fruit" should be named, if possible, by the exhibitor.

The Superintendent and judges may withhold premiums in any class where the article is not worthy. Exhibitors entering fruit which has been shown before or at other fairs will be penalized by the judges.

No article entered for competition in any one class will be permitted to compete for a premium in any other class, excepting sweepstakes. An exhibitor cannot compete for more than one prize in any class.

No attention will be paid by the committee to any fruit or other exhibit that is not arranged in accordance with these rules.

All fruit must be shipped or brought in so as to arrive at the Fairgrounds not later than Monday at 10 a. m. of Fair Week, charges prepaid.

The awards for fruits will be made as soon as possible after the opening of the Fair.

WHERE....**QUALITY
ECONOMY
SATISFACTION****U - C - A****\$PRINKLE
\$ERVICE
\$TATION**

**RALEIGH, Going South: 15A, Raleigh and
Wilmington Highway.**

**RALEIGH, Going West: R. No. 1, One-
fourth mile west of Radio Tower.**

**BURLINGTON: North Church and Trade
Streets—Highway No. 70.**

**GREENSBORO: East Market Street Ex.
(Bessemer).**

HIGH POINT: 1308 North Main Street.

WINSTON-SALEM: North Liberty Street.

SANFORD: On Wilmington Highway.

**DURHAM: Near future Highway 70, Hol-
loway Street.**

\$AVES—\$ERVES—\$ELLS

Only One Grade of Gasoline

PREMIUM

**AT LOWER PRICES THAN THE
REGULAR PRICES OTHERS QUOTE**

**NOTHING BUT 100% PURE PENNSYLVANIA OILS
SOLD IN INDIVIDUAL CANS AND IN BULK**

No exhibitor will be allowed to discuss exhibits with the judges, or to interfere in any way while the judges are at work.

All fruits shown for premiums remain in place until the close of the Fair.

In the nomenclature of fruits, the names adopted by the American Pomological Society shall rule, and no variety will be accepted that has not been admitted to their catalogue, except in the case of seedlings never before exhibited.

Read Rules Governing Entries, Exhibits and Awards, pages 27 to 39.

APPLES

Class A	1st	2d	3d	4th	5th
94—Commercial display	\$50.00	\$30.00	\$20.00	\$15.00	\$10.00

Consisting of twenty trays—five trays each of four different standard commercial varieties from the following list, fruit to be unwrapped:

Albemarle, Arkansas, Black, Bonum, Buckingham, Ben Davis, Delicious, Grimes, Gano, Kinnard, Limbertwig, Mammoth Black Twig, Golden Delicious, Richared, Rome Beauty, Stayman, Staymared, Virginia Beauty, Winesap, York Imperial and any other (one) variety.

Class B	1st	2d	3d
95—Best five-bushel baskets of any one of the following standard varieties: Bonum, Delicious, Golden Delicious, Grimes, Red Limbertwig, Staymen, Starking or Richared, Staymared or Blaxtayman, Winesap or any other (one) variety	\$20.00	\$10.00	\$5.00
96—Best five trays of one of the following standard varieties. Bonum, Delicious, Golden Delicious, Grimes, Stayman, Starking or Richared, Staymared or Blaxtayman, Red Limbertwig, Winesap or any other (one) variety.....	15.00	10.00	5.00
97—Best three trays, one each of three different named varieties	10.00	5.00	3.00

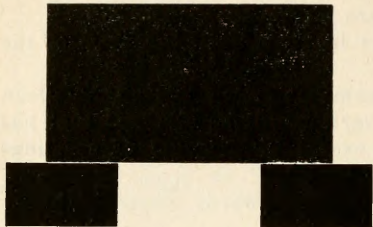
Class C			
98—Best single box (Eastern box) any variety, of the following varieties: Delicious, Bonum, Starking or Richared, Golden Delicious, Grimes, Rome Beauty, Staymen, Staymared or Blaxtayman, Winesap, Red Limbertwig, Mammoth Blacktwig, York Imperial.....	5.00	3.00	2.00

The Eastern Box is the kind of apple box used by our Eastern apple growers. It is different from the Western box used by the Western apple growers. The apples are jumbled in the box with the top layer faced. The box is packed without a bulge. This class will be judged on the basis of scoring the rating similar to the bushel basket.

Single Trays

Best single tray of the following varieties:

Class D	1st	2d	3d
99—Grimes Golden	\$3.50	\$2.00	\$1.00
100—Red Limbertwig	3.50	2.00	1.00
101—Bonum	3.50	2.00	1.00
102—Delicious	3.50	2.00	1.00



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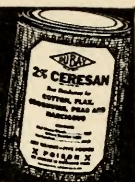
Cinder Blocks

They are: Fire Safe, Strong,
Termite Proof, Sound Proof, and
they Insulate.

**STANDARD
CINDER BLOCK CO.**

RALEIGH, N. C.

**EVERY
COTTON GROWER NEEDS
2% CERESAN!**



INCREASE cotton returns by planting seed treated with 2% CERESAN. Official tests show average yield increases ranging from \$6.30 to \$13.08 an acre! To give such results, 2% CERESAN reduces seed rotting and damping-off, makes stands more uniform, controls certain seed-borne diseases. Whether you buy seed or plant your own, be sure it has this protection. Ask dealer for free pamphlet. Bayer-Semesan Company, Inc., Wilmington, Del.



When you buy
cotton seed,
look for this
stamp.



SEED DISINFECTANTS
A TREATMENT FOR EVERY MAJOR CROP

HIGH POINT COLLEGE

HIGH POINT, N. C.

**Where Character Development Is Not
Secondary to Scholarship**

**A Four-Year, Co-Educational, Liberal Arts College
High Point, N. C.**

A faculty of thirty Christian men and women with degrees from the best universities in America. A broad and inclusive curriculum. Enrollment of four hundred and eighty-two students from various parts of the country. Fifty-two-acre campus, beautifully landscaped.

Total student charges for school year are \$425.00. Concessions to ministers' children and candidates for the ministry.

Class D	Single Trays—Continued	1st	2d	3d
103—Golden Delicious		\$3.50	\$2.00	\$1.00
104—Rome Beauty		3.50	2.00	1.00
105—Stayman		3.50	2.00	1.00
106—Winesap		3.50	2.00	1.00
107—Staymared or Blaxtayman		3.50	2.00	1.00
108—Richared or Starking		3.50	2.00	1.00
109—Any other variety		3.50	2.00	1.00

Single Plate—Five Apples

Class E	1st	2d	3d
110—Delicious	\$2.00	\$1.00	\$0.50
111—Bonum	2.00	1.00	.50
112—Starking or Richared	2.00	1.00	.50
113—Golden Delicious	2.00	1.00	.50
114—Grimes	2.00	1.00	.50
115—Rome Beauty	2.00	1.00	.50
116—Stayman	2.00	1.00	.50
117—Staymared or Blaxtayman	2.00	1.00	.50
118—Winesap	2.00	1.00	.50
119—Red Limbertwig	2.00	1.00	.50
120—Mammoth Blacktwig	2.00	1.00	.50
121—York Imperial	2.00	1.00	.50
122—Any other variety	2.00	1.00	.50

Plate Collection

Class F	1st	2d	3d
123—Best plate collection of not less than ten named varieties	\$10.00	\$5.00	\$3.00

Score Card Rating

Premiums for apples in trays and plates will be awarded according to the following score card:

Form	15
Size	15
Color	20
Uniformity	20
Freedom from blemish	30
Total	100

Premiums for apples in bushel baskets and boxes will be awarded according to the following score card:

Package (appearance and workmanship).....	15
Bulge or height of pack, including compactness....	15
Fruit—	
Form	10
Size	10
Color	20
Condition (freedom from blemish).....	30
Total	100

PEARS

Plate, Five Each

Class G	1st	2d
124—Keiffer	\$2.00	\$1.00
125—Any other variety	2.00	1.00

WARREN'S TRANSFER

Opposite Union Station

::

RALEIGH, N. C.

Long-Distance Moving a Specialty

FURNITURE CRATED and STORED

Phone 2-1924

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"We Move Anything Movable"



GRAPES**Plate**

Class H	1st	2d
126—Any bunch variety (plate of five bunches).....	\$2.00	\$1.00
127—Scuppernong, or other "white" variety of Muscadine grape (one pint berries).....	2.00	1.00
128—James, or other "black" variety of Muscadine grape (one pint berries).....	2.00	1.00

OTHER FRUITS**Plate, at Least Five Each**

Class I	1st	2d
129—Japanese Persimmons	\$2.00	\$1.00
130—American Persimmons	2.00	1.00

PLATE PECANS**One Pound**

Class J	1st	2d
131—Stuart	\$2.00	\$1.00
132—Schley	2.00	1.00
133—Any other variety	2.00	1.00

OTHER NUTS**Plate, One Pound**

Class K	1st	2d
134—Native Chestnuts	\$2.00	\$1.00
135—Hickory Nuts	2.00	1.00
136—Black Walnuts	2.00	1.00
137—Collection of native nuts (three or more varieties, one pound each)	3.00	1.50

VEGETABLES

*Judge: L. P. WATSON, Extension Horticulturist,
State College, Raleigh, N. C.*

**Exhibits Must Be Grown in North Carolina
Entries Close 12:00 Noon, Monday, October 7, 1940**

IMPORTANT—READ

If exhibit is shipped in, address each package plainly to "N. C. State Fair, Department of Horticulture, Raleigh, N. C." Each package should be plainly marked, giving the class numbers in which contents are entered and name and address of party making entry.

Entry blank covering the shipments should be addressed to the Secretary of the Fair and be mailed, preferably, in advance of shipment.

All vegetables exhibited must be grown by exhibitor.

All varieties of vegetables entered for premiums should be well selected as to uniformity, freedom from blemishes, and trueness to type. Premiums offered for the best collection will not be awarded for the greatest number of varieties, but mainly for the quality. The Superintendent or Judge may withhold premiums in any case where the article is of inferior quality. All exhibits must be in place and arranged in the space assigned to this department by 6:00 p. m., Monday of Fair Week.

Two Blades of Southern Grass

THE SOUTH is making two blades grow where only one grew before. Obviously, something important has happened back of that fact.

That something, chiefly, is the addition of livestock production to crop production—742 million dollars' worth in 1939 . . . a gain of 80 million over 1938—with the result that in each of the last two years more of the South's Two-Billion-Dollar cash farm income has been derived from livestock than from cotton!

Because **PROGRESSIVE FARMER** has had a leading part in this and practically every other worth while movement for the advancement of the Rural South, Southern farm people respect it, read it, and follow it in all departments. And because **PROGRESSIVE FARMER** is edited for the million high-income farm families in the South who average \$2,002.00 a year, advertisers turn to it for coverage of this rich and responsive market.



OFFICES:

Raleigh Birmingham Dallas Memphis

SWEET POTATOES

Sweet potatoes will be judged according to uniformity, smoothness, trueness to type, freedom from blemishes and marketable size.

Standard tray: Inside dimensions 18x11½x3 inches, holding about one-third to one-half bushel.

Tray

Class A	1st	2d
138—Nancy Hall	\$3.00	\$2.00
139—Porto Rico	3.00	2.00
140—Big Stem Jersey	3.00	2.00
141—Maryland Golden	3.00	2.00
142—Any other variety	3.00	2.00
143—Best display of Nancy Hall or Porto Ricos, five trays.....	10.00	5.00

IRISH POTATOES

Irish potatoes will be judged according to uniformity, smoothness, freedom from blemishes, shallowness of eyes and marketable size.

Tray

Class B	1st	2d
144—Irish Cobbler	\$3.00	\$2.00
145—Green Mountain	3.00	2.00
146—Any other variety	3.00	2.00
147—Best display of Irish Cobblers or Green Mountain (five trays)	10.00	5.00

CABBAGE**Three Heads, Trimmed for Market**

Class C	1st	2d
148—Copenhagen	\$2.00	\$1.00
149—Flat Dutch	2.00	1.00
150—Any other variety	2.00	1.00

ONIONS**Plate, Five Each**

Class D	1st	2d
151—Prizetaker	\$2.00	\$1.00
152—Yellow Glove Danvers	2.00	1.00
153—Any other variety	2.00	1.00

PEPPERS

Class E	1st	2d
154—Sweet Bell Pepper, any variety (five specimens).....	\$2.00	\$1.00
155—Pimento Pepper (five specimens).....	2.00	1.00
156—Hot Pepper, any variety (twelve specimens).....	2.00	1.00

TOMATOES**Five Each**

Class F	1st	2d
157—Stone	\$2.00	\$1.00
158—Marglobe	2.00	1.00
159—Any other variety	2.00	1.00

TURNIPS**Five Each**

Class G	1st	2d
160—Purple Top Globe	\$2.00	\$1.00
161—Rutabaga	2.00	1.00

MISCELLANEOUS

Class H	1st	2d
162—Any other meritorious vegetable exhibit or novelty.....	\$2.00	\$1.00

PLANTS AND FLOWERS

*Judge: J. G. WEAVER, Assistant Professor, Horticulture,
State College, Raleigh, N. C.*

Exhibits Must Be Grown In North Carolina

Entries Close 12:00 Noon, Tuesday, October 8, 1940

If necessary, exhibits may be shipped to the State Fair, Department of Horticulture, Raleigh, N. C., but flower exhibits are generally brought to the Fair by exhibitors, owing to their perishable nature. If shipped, they should be packed carefully and the shipment should be accompanied by an entry blank properly filled out and addressed to the State Fair. Catalogs and entry blanks may be obtained from the Secretary's office or on request by mail to the Secretary. Even when flowers or plants are being brought to the Fair, entries should be made in advance by mail addressed to the Secretary, N. C. State Fair, Raleigh, N. C., who will gladly furnish entry blanks for the purpose. When exhibits are brought to the Fair the exhibitor should call first at the desk of the entry clerk and get entry tags, then the exhibits and tags corresponding should be delivered to the Superintendent of the Department, who will put the exhibit on display. It will greatly facilitate matters for the exhibitor as well as the Fair if entries are made in advance by mail, as this permits writing up tags before the rush and having them ready for the exhibitor on arrival at the entry clerk's desk. The time for closing entries is set late (Tuesday noon) to accommodate exhibitors of cut flowers. Other exhibits, such as potted plants, bulbs, etc., should be entered earlier—not later than noon Monday of Fair Week. Exhibitors should be sure to get their claim check as they turn over exhibits to the Department. These claim checks should be carefully kept by the exhibitor and brought back at the end of the Fair for use in claiming exhibits. The Superintendent of the Department has no other means of identifying exhibitors and cannot be expected to give out exhibits unless claim checks are presented.

POTTED PLANTS

All plants must be placed by 4.00 p.m., Monday of Fair Week.

Class A	1st	2d	3d
163—Specimen foliage plant	\$ 3.00	\$2.00	\$1.00
164—Specimen flowering plant	3.00	2.00	1.00
165—Finest collection foliage plants (12 specimens)	10.00	5.00	2.00
166—Finest collection of flowering plants (12 specimens)	10.00	5.00	2.00

CUT FLOWERS

Cut flowers must be in place ready for exhibition Tuesday of Fair Week by 12:00 o'clock, soon after which they will be judged. In bringing flowers to the Fair, especially dahlias, they should be carefully packed in boxes without crowding in order to preserve the petals against injury. Damage to petals, especially in the case of dahlias and roses, may affect the score when judging. Flowers should be kept from automobile drafts as much as possible when transporting. In judging classes 167 to 174 inclusive, consideration will be given to the following points: (1) The artistic arrangement of the flowers in the container—60 points; (2) The

quality and condition of the flowers—40 points. Emphasis will not be placed on the rarity of the flowers exhibited. In these classes the exhibits must conform to dimensions or conditions stated. The dimensions refer to flowers, basket, basket handle and any ribbon or other attachment. In other words, the dimensions over all. If any dimension is greater or less than class calls for the judges will have to disqualify the entry. Exhibitors are cautioned to see that their baskets are entered in the class conforming to their size. In classes 170 to 172 the exhibit should be appropriate both as to breadth and height over all, including container, for the size of table stated. The judges will consider whether the exhibit is appropriate for its class as well as considering the artistic arrangement of flowers in the container and the quality and condition of the flowers. Except in classes 167 to 174, inclusive, all cut flowers will be exhibited in vases.

Class B	1st	2d	3d
167—Basket cut flowers, large (over 18 in. diameter)	\$5.00	\$3.00	\$1.00
168—Basket cut flowers, intermediate (between 8 and 18 in. diameter)	3.00	2.00	1.00
169—Basket cut flowers, small, dainty (less than 8 in. diameter)	3.00	2.00	1.00
170—Floral centerpiece for large dining table (formal dinner 12 people).....	5.00	3.00	1.00
171—Floral centerpiece for small dining table (luncheon for six people).....	3.00	2.00	1.00
172—Floral centerpiece for small table (2 to 4 people)	2.00	1.50	1.00
173—Floral arrangement for invalid's breakfast tray	2.00	1.50	1.00
174—Artistic arrangement of flowers, fruits or foliage, or combinations, suggestive of autumn and the harvest season, exhibit to be within maximum of 30 in., over all, any dimensions	5.00	3.00	1.00
175—Best collection roses, each variety, exhibited in separate vase and named, three blooms each variety and at least six varieties required to qualify	6.00	3.00	2.00
176—Cut roses, collection (1 bloom each, 6 varieties in one vase).....	3.00	1.50	1.00
177—Cut roses, any variety (one specimen).....	2.00	1.50	1.00
178—Cut dahlias, collection, decorative type (1 bloom each, 5 varieties).....	4.00	2.00	1.00
179—Cut dahlias, decorative type, any variety (1 specimen)	2.00	1.00	
180—Cut dahlias, collection, cactus or hybrid cactus (1 bloom each, 5 varieties).....	4.00	2.00	1.00
181—Cut dahlias, cactus, or hybrid cactus, any variety (1 specimen)	2.00	1.00	
182—Cut dahlias, miniature type, collection (2 blooms each, 5 varieties)	3.00	1.50	1.00
183—Cut dahlias, miniature type, any variety (1 specimen)	2.00	1.00	
184—Cut dahlias, collection, ball or pompom type (2 blooms each, 5 varieties).....	3.00	1.50	1.00
185—Cut dahlias, ball or pompom, any variety (1 specimen)	2.00	1.00	
186—Cut dahlias, single type (12 blooms, 1 or more varieties)	2.00	1.00	

Class B	Cut Flowers—Continued	1st	2d	3d
187—Cut dahlias, collarette type (12 blooms, 1 or more varieties)		\$2.00	\$1.00	
188—Cut dahlias, orchid flowering type (12 blooms, one or more varieties)		2.00	1.00	
189—Cut chrysanthemums, large exhibition type (6 blooms)		3.00	2.00	
190—Cut chrysanthemums, pompom (12 sprays of 3 to 5 flowers each)		2.00	1.00	
191—Cut chrysanthemums, single, hardy (6 sprays of at least 5 blossoms each)		2.00	1.00	
192—Cut cosmos (2 doz. sprays of 3 to 5 flowers each)		3.00	1.50	1.00
193—Best exhibit Cut Flowers of kind not listed above		3.00	1.50	

Bulbs and Tubers

Bulb collections must consist of at least six varieties. The variety should be distinctly labeled by exhibitor and each variety displayed on separate plate to be furnished by superintendent of department or in separate compartments of an exhibit tray for the collection furnished by the exhibitor. It is suggested that exhibitors do not skin off the outer coats of Gladiolus exhibits. Plates should consist of the following number of bulbs:

	Narcissuses (6)	Tulips (12)	
	Irises (12)	Gladioluses (8)	
Class C		1st	2d
194—Best collection Narcissus bulbs		\$5.00	\$3.00
195—Best collection Tulip bulbs		5.00	3.00
196—Best collection bulbous Iris bulbs		5.00	3.00
197—Best collection Gladiolus bulbs		5.00	3.00
198—Best collection bulbs and tubers other than those named in above four classes		5.00	3.00

Miscellaneous

This class is for the purpose of stimulating new interest. Entries should be in place by 4:00 p.m. Monday of Fair Week. Dish gardens may be arranged on plates, platters, trays or dishes of any reasonable size. They will be judged on the basis of the craftsmanship of the exhibitor, the artistic qualities of the exhibit and the quality of materials used. The exhibits may represent Japanese gardens, landscapes, farms properly planted, homes or any other feature. Plant materials should predominate, but any kind of material can be used. To the extent necessary, materials such as mirrors, rocks, ornaments, wood, etc., may be used. It is suggested that the exhibitor limit his exhibit to reasonable size and no exhibit should have any dimension greater than 36 inches.

The foregoing suggestions apply also to terrariums. The type of exhibit desired in this class is much like the dish gardens, except that slightly different materials should be used, the materials being placed inside a glass container covered for the purpose of maintaining moist conditions and plants preferring such moist conditions, such as mosses, ferns, etc., should be used. Credit will be given by the judges to the craftsmanship, the condition of plant materials, the number of kinds of plants in the exhibit, and the general artistic values of same. These exhibits should have unity, variety, propriety, coherence and finish.

Under the entry for meritorious novelty or floral exhibit any plant or flower or other related novelty can be exhibited. Each will be judged

first as to its merit or quality in such a class and if considered meritorious by the judges will then be judged in competition with any other meritorious entry.

Class D	1st	2d	3d	4th
199—Best dish garden.....	\$10.00	\$5.00	\$3.00	\$1.00
200—Best terrarium	5.00	3.00	1.00	
201—Any other meritorious novelty or floral exhibit	5.00	3.00	1.00	

GOURDS

This is a new class in recognition of new interest in the growing of gourds and using them for various useful and ornamental purposes.

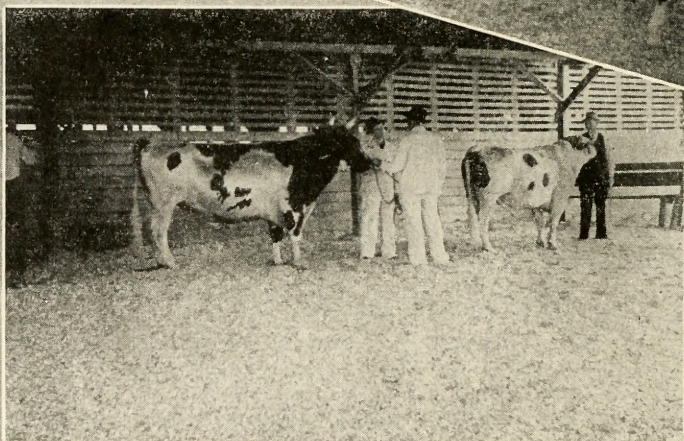
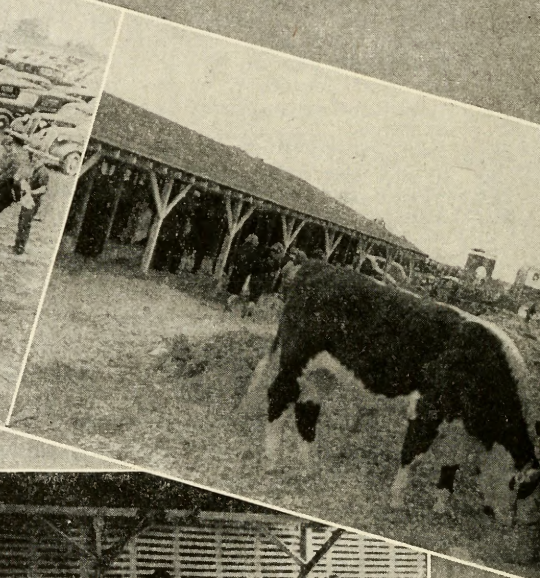
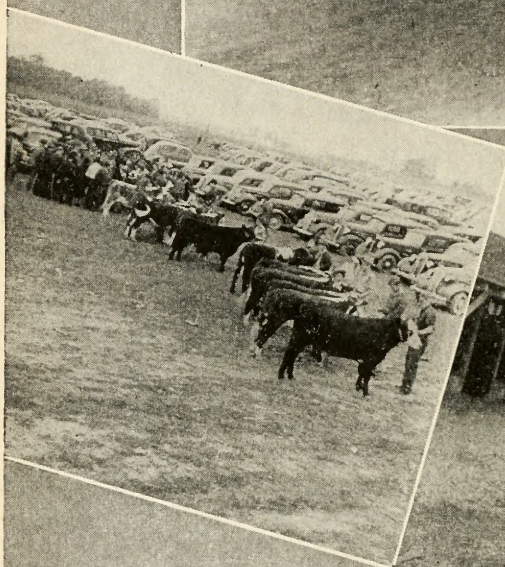
Entries should be made in the same manner as for flowers. (See directions.)

Class E	1st	2d	3d
202—Largest and best collection of gourds and related Cucurbits	\$5.00	\$3.00	\$2.00
203—Most artistic arrangement of gourds, or gourds and other secondary materials. Ar- rangement may be strung or in basket, bowl, or other container, or background. Entries should not occupy more than one square yard of space	3.00	2.00	1.00
204—Best exhibit illustrating practical uses, in- genius uses, or unusual uses of gourds.....	3.00	2.00	1.00
205—Finest single specimen of gourd, any variety..	2.00	1.00	
206—Most unique, unusual or weird gourd.....	2.00	1.00	

NEW FRUITS, FLOWERS AND VEGETABLES

The Fair solicits exhibits of new horticultural fruits, flowers or vegetables. These should be entered the same as other exhibits in this Department. They will be examined by the judges and if considered sufficiently meritorious will be judged in competition with any other similar exhibits classed as meritorious. Entries should be in place ready for exhibition and judging Tuesday of Fair Week at 12:00 o'clock and will be judged soon thereafter. It is suggested that the exhibitor furnish a written statement giving the name of the exhibit and a brief statement explaining the nature, source and important qualities of same. While it is preferred and intended that this class is for service and reward to bona fide originating parties or agencies, it is not necessary that the exhibit be entered by the originator. It is necessary, however, that it must be both new and meritorious and at least closely related to the fruit, flower or vegetable families.

Class A	1st	2d	3d
207—Best meritorious new fruit, flower or vegetable	\$5.00	\$3.00	\$2.00



LIVESTOCK DEPARTMENTS

DIRECTORS

DR. WM. MOORE, J. A. AREY, EARL H. HOSTETLER

BEEF CATTLE AND SHEEP



Department D

J. E. FOSTER and L. I. CASE, *Directors, State College Station,
Raleigh, North Carolina*

*Judge: PROF. KENNETH C. IKELER, Head of Animal and Dairy Industry
Section, University of Maryland, College Park, Md.*

LIVESTOCK PARADE

PROF. F. M. HAIG, *State College, Raleigh, N. C. in Charge*

A parade of prize winners in the diffeent livestock classes will be held in front of the grandstand, beginning at 2.00 p.m., Friday, October 11th.

The livestock directors will arrange with the exhibitors to have their animals in readiness for this review. The animals will be led in a single line past the grandstand, and as each animal passes in review, the name of the owner, and the name of the animal and class award will be announced over the public address system. Livestock barns will be closed to the public one hour before parade to give owners time to prepare their animals.

Entries in this Department are limited to North Carolina

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

Entries in this Department Close October 5th, 1940, at 6:00 p.m.

Make Your Entries Early

Exhibitors must state on entry blank exact number of animals entered.

Stall fee: One dollar for each animal entered. If more than one is used for any one animal, an additional fee must be paid.

See general rules under entries.

All cattle must be accompanied by a health certificate and tuberculin test chart issued by a qualified veterinarian and approved by the State

Veterinarian showing the animals to be free from tuberculosis and Bang's disease. If the entire herd has been tuberculin tested within a year of the opening of the Fair and no untested cattle have been added, cattle from such a herd may be shown without further tests. Otherwise the cattle for exhibit shall be tuberculin tested within 60 days of the Fair. Cattle from a herd, all of which have been tested for Bang's disease within the year without reactors and no untested animals have been added, may be shown without further tests. Otherwise the cattle for exhibit shall be tested within 30 days of the Fair. The certificate and test chart must accompany the cattle, and they will not be permitted to enter the barns until the certificate and test chart is submitted to the director or his authorized representative.

The tuberculin test must have been applied within a reasonable time preceding the opening date of the Fair. The right is reserved to reject an entry or to remove same after entered, should our veterinarian find the animal is affected with a communicable disease.

SPECIAL RULES

All females thirty-six months of age must have produced a living calf, and entries must be accompanied by affidavits of date of birth of last calf, or give satisfactory evidence of being in calf.

Any bull, thirty-six months old or over on the first day of September of year in which shown that has not dropped to his service during the twelve months preceding said date one or more living calves will not be eligible to show.

All applications for entry of cattle must be accompanied by the name of the breeder, name, number, age and date of birth, and name and number of sire and dam of the animal to be exhibited.

All animals exhibited in this Department must be recorded with their respective associations.

Special Herdsman's Prize page 37.

All animals entered for exhibition must be in place not later than 10:00 o'clock a.m., Tuesday, October 8, 1940.

Exhibitors will be required to have blankets removed from all exhibits between the hours of 9:00 a.m. and 4:00 p.m., each day of the Fair.

When on exhibition in the ring, each animal must be under halter and in charge of owner or employe.

Only first premium animals in individual classes will be eligible to compete for championships.

The director or ring clerk shall obtain names and record numbers of all animals composing herds and groups, where regularly entered or substituted, that such data may be included in report of awards.

When an award is made, special attention should be given to see that same is correctly entered in the award book.

The manager reserves the right to reject and return entries after available space in the buildings is taken or for any other cause.

Read Rules Governing Entries, Exhibits and Awards, pages 27 to 39.

BEEF CATTLE**HEREFORDS**

Judging begins Tuesday P.M.

The North Carolina Hereford Cattle Breeder's Association will add 25 per cent to the following Hereford Premiums.

Class A	1st	2d	3d	4th
208—Bulls calved before April 30, 1938	\$20.00	\$15.00	\$10.00	\$8.00
209—Bulls calved between May 1, 1938, and December 31, 1938.....	20.00	15.00	10.00	8.00
210—Bulls calved between January 1, 1939, and April 30, 1939.....	20.00	15.00	10.00	8.00
211—Bulls calved between May 1, 1939 and August 31, 1939.....	20.00	15.00	10.00	8.00
212—Bulls calved after September 1, 1939	20.00	15.00	10.00	8.00
213—Champion bull	25.00			
214—Reserve Champion bull	15.00			
215—Group, two bulls owned by exhibitor	20.00	15.00	10.00	6.00
216—Cows calved before April 30, 1938	18.00	14.00	8.00	6.00
217—Heifers calved between May 1, 1938, and December 31, 1938.....	18.00	14.00	8.00	6.00
218—Heifers calved between January 1, 1939, and April 30, 1939.....	18.00	14.00	8.00	6.00
219—Heifers calved between May 1, 1939, and August 31, 1939.....	18.00	14.00	8.00	6.00
220—Heifers calved after September 1, 1939	18.00	14.00	8.00	6.00
221—Champion female	22.00			
222—Reserve Champion female	12.00			
223—Get of sire, four animals, any age, both sexes to be represented; owned by exhibitor.....	20.00	15.00	10.00	
224—Pair yearlings: One bull from Class 210 or 211, and one heifer from Class 218 or 219 owned by exhibitor	20.00	15.00	10.00	6.00
225—Pair calves: One bull from Class 212 and one heifer from Class 220, owned by exhibitor	20.00	15.00	10.00	8.00

ABERDEEN ANGUS

Judging Tuesday P.M. Following Herefords

Class B	1st	2d	3d	4th
226—Bulls calved before April 30, 1938	\$20.00	\$15.00	\$10.00	\$8.00
227—Bulls calved between May 1, 1938, and December 31, 1938.....	20.00	15.00	10.00	8.00
228—Bulls calved between January 1, 1939, and April 30, 1939.....	20.00	15.00	10.00	8.00
229—Bulls calved between May 1, 1939, and August 31, 1939.....	20.00	15.00	10.00	8.00
230—Bulls calved after September 1, 1939	20.00	15.00	10.00	8.00
231—Senior Champion bull, Class 226 or 227	10.00			
232—Junior Champion bull, Class 228 229 or 230	10.00			
233—Grand Champion bull, Class 231 and 232, compete	20.00			

Class B	Aberdeen Angus—Continued	1st	2d	3d	4th
234—Group, two bulls owned by exhibitor		\$20.00	\$15.00	\$10.00	\$6.00
235—Cows calved before April 30, 1938		18.00	14.00	8.00	6.00
236—Heifers calved between May 1, 1938, and December 31, 1938.....		18.00	14.00	8.00	6.00
237—Heifers calved between January 1, 1939, and April 30, 1939.....		18.00	14.00	8.00	6.00
238—Heifers calved between May 1, 1939, and August 31, 1939.....		18.00	14.00	8.00	6.00
239—Heifers calved after September 1, 1939		18.00	14.00	8.00	6.00
240—Senior Champion female, Class 235 or 236.....		8.00			
241—Junior Champion female, Class 237, 238 or 239.....		8.00			
242—Grand Champion female, Classes 240 and 241 compete.....		18.00			
243—Get of Sire, four animals, any age, both sexes to be represented; owned by exhibitor.....		20.00	15.00	10.00	
244—Pair yearlings, one bull from Class 228 or 229 and one heifer from Class 237 to 238, owned by exhibitor		20.00	15.00	10.00	6.00
245—Pair calves, one bull from Class 230 and one heifer from Class 239 owned by exhibitor		20.00	15.00	10.00	8.00

BEEF STEERS

Judging Wednesday P.M. Following 4-H Steers

Class C	1st	2d	3d	4th	5th
246—Light weight steers.....	\$15.00	\$12.00	\$10.00	\$8.00	\$5.00
247—Medium weight steers.....	15.00	12.00	10.00	8.00	5.00
248—Heavy weight steers.....	15.00	12.00	10.00	8.00	5.00
249—Grand Champion Steer.....	25.00				

Steers placing first to fifth, inclusive, in 4-H Club classes may also be shown in corresponding open classes.

DUAL-PURPOSE BREED—RED POLLS

Class D	1st	2d
250—Bulls, 2 years old or over, calved before June 30, 1938	\$15.00	\$10.00
251—Yearling bulls, calved between July 1, 1938, and August 31, 1939.....	15.00	10.00
252—Bull calves, calved between September 1, 1939, and April 30, 1940.....	15.00	10.00
253—Senior Champion Bull, calved on or before December 31, 1938	7.00	
254—Junior Champion Bull, calved between January 1, 1938, and April 30, 1940.....	7.00	
255—Grand Champion Bull, classes 253 and 254 compete	15.00	
256—Group, two bulls owned by exhibitor.....	15.00	10.00
257—Cows, 2 years old or over, calved before June 20, 1938	15.00	10.00
258—Yearling heifers, calved between July 1, 1938 and August 31, 1939	15.00	10.00
259—Heifer calves, calved between September 1, 1939, and April 30, 1940	15.00	10.00
260—Senior Champion female, calved on or before December 31, 1938	7.00	

Class D	Red Polls—Continued	1st	2d
261—Junior Champion Female, calved between January 1, 1939, and April 30, 1940.....		\$ 7.00	\$
262—Grand Champion Female, classes 260 and 261 compete		15.00	
263—Get of sire, four animals, any age, both sexes to be represented; owned by exhibitor.....		15.00	10.00
264—Pair yearlings: One bull from Class 251 and one heifer from Class 258.....		15.00	10.00
265—Pair Calves: One bull from Class 252 and one heifer from Class 259		15.00	10.00

SHEEP

Do not make entries in championship classes.

Exhibitors must specify on entry blank the number of animals entered and the number of pens wanted.

Pens, \$1.00 each.

All animals entered for exhibition must be in place not later than 10:00 a.m., Tuesday, October 8th.

All animals over three months old must be recorded and appear in the name of the exhibitor on the records of their respective associations. Animals recorded in individual names cannot be shown in name of firm or of the farm, but must be shown exactly as they appear on the records. This rule is fair, and will be strictly enforced. See rules.

Exhibitors must be prepared to show certificates of registration if called for.

The judges are requested to give special attention to actual merit and in order to avoid mistakes it is their duty to inquire as to time of shearing, manner of fitting, age of lambs, etc.

Misrepresentation in any form on part of exhibitor or agent forfeits all premiums awarded.

A breeder's flock shall consist of one yearling ram, two yearling ewes, and two ewe lambs, bred and owned by exhibitor.

Get of sire shall consist of pen of four lambs under one year, either sex, and get of one sire, bred and owned by exhibitor.

All sheep entered must be in apparently healthy condition. The right is reserved to reject an entry or to remove same after entered should our veterinarian find that the animal is affected with a communicable disease.

The clerk of awards must take special pains after an award is made to properly enter it on the records. It is absolutely necessary that the name of animal, registry number, date of birth, and ear tag number be given for all animals awarded prizes.

In case a substitute animal is shown, or in case this data was not given and recorded in judge's book at time entries were made, it must be supplied by the clerk. Records of awards must be complete in every detail or premiums will not be paid.

HAMPSHIRE

Judging Wednesday A.M. Following Draft Horses

Class E	1st	2d	3d	4th
266—Ram, two years old and over.....	\$12.00	\$10.00	\$8.00	\$6.00
267—Ram, one year old and under two....	12.00	10.00	8.00	6.00
268—Ram, under one year.....	12.00	10.00	8.00	6.00

Class E	Hampshires—Continued	1st	2d	3d	4th
269—Ewe, two years old or over.....		\$12.00	\$10.00	\$8.00	\$6.00
270—Ewe, one year old and under two....		12.00	10.00	8.00	6.00
271—Ewe, under one year.....		12.00	10.00	8.00	6.00
272—Three ram lambs.....		12.00	10.00	8.00	6.00
273—Three ewe lambs.....		12.00	10.00	8.00	6.00

Champions

274—Champion ram.....	15.00
275—Champion ewe	15.00

Groups

276—Breeder's flock	15.00	12.00	8.00	5.00
277—Get of sire	15.00	12.00	8.00	5.00

SPECIAL PRIZES

Special prizes offered by the American Hampshire Sheep Association, at North Carolina State Fair to be held in Raleigh for 1940 under the following rules and conditions.

1. These specials open to members of the American Hampshire Sheep Association only.

2. All sheep competing for these specials must be bred and owned by exhibitor; must be recorded in this Association and carry the Association labels in their ears at time of showing. No special prize money will be paid on sheep artificially colored.

3. The Secretary of the Fair, or Superintendent of the Sheep Department, must certify to all winnings, giving the Association registry numbers of the winning animals, with the name and address of the winner.

4. Prizes to be paid direct to the winner from the Association office, if proper certification of the award is received within 90 days after the close of the Fair.

5. Only one prize will be paid any exhibitor in a group class.

BEST PEN THREE RAM LAMBS

1st	2d	3d	4th	5th
\$25.00	\$20.00	\$15.00	\$10.00	\$5.00

Secretary, American Hampshire Sheep Association
72 Woodland Ave., Detroit, Mich.

DAIRY CATTLE



Department E

DIRECTORS

DR. C. D. GRINNELLS, A. C. KIMREY, D. W. COLVARD

Judges:

Jerseys and Guernseys: H. C. BARKER, *University of Maryland, College Park, Maryland.*

Ayrshires and Holsteins, P. M. MISNER, *Cantonsville, Maryland*

LIVESTOCK PARADE

PROFESSOR F. M. HAIG, *State College, Raleigh, N. C., in Charge*

A parade of prize winners in the different livestock classes will be held in front of the grandstand, beginning at 2:00 p.m., Friday, October 11th.

The livestock directors will arrange with the exhibitors to have their animals in readiness for this review. The animals will be led in a single line past the grandstand, and as each animal passes in review, the name of the owner, and the name of the animal and class award will be announced over the public address system. Livestock barns will be closed to the public one hour before parade to give owners time to prepare their animals.

Judging schedules as indicated under each breed.

Directors reserve right to change this schedule should unusual circumstances warrant such change in any of Dairy Classes.

Entries in this Department close October 5th, 6:00 p.m.

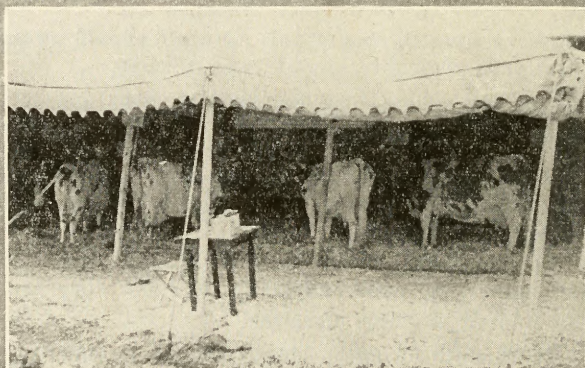
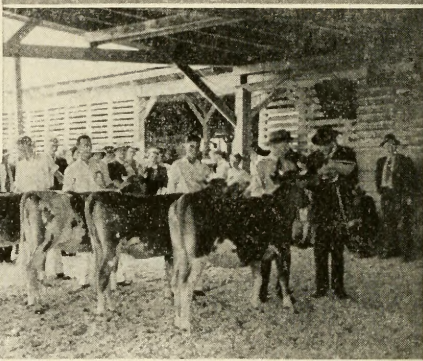
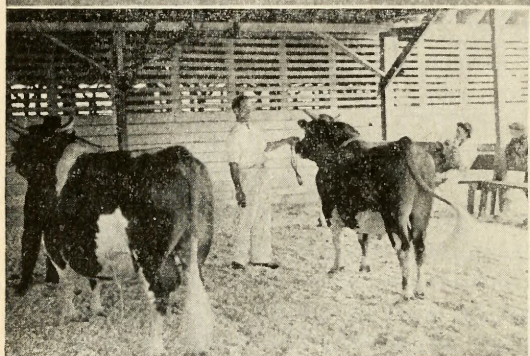
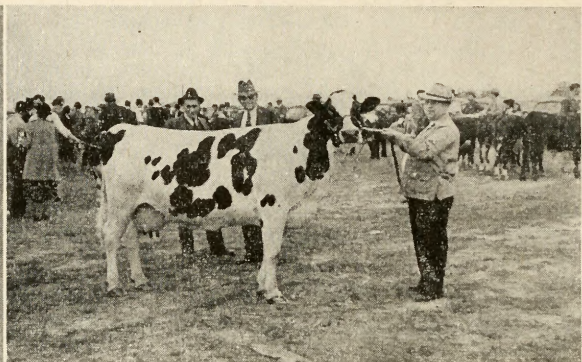
MAKE YOUR ENTRIES EARLY.

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

Entries are limited to North Carolina.

Exhibitors must state on entry blank name and registration number of every animal entered and date of birth.



Stall fees: One dollar for each animal entered. If more than one is used for any animal, an additional fee must be paid.

See General Rules under Entries, pages 27 to 39.

Do not make entries in Champion Classes.

IN DAIRY BREED CLASSES

A Senior Yearling is one dropped between July 1, 1938, and December 31, 1938, inclusive.

A Junior Yearling is one dropped between January 1, 1939, and June 30th, 1939, inclusive.

Exhibitor's Herd shall consist of one bull, two years old or over; one cow, two years old or over; one heifer, two years old and under three; one yearling heifer and one senior heifer calf, all owned by the exhibitor.

Yearling Herd shall consist of one bull, one year old and under two, and two yearling heifers. Females must be bred by exhibitor and all owned by exhibitor.

Calf Herd shall consist of one bull and two heifers, all under one year old and all bred and owned by exhibitor.

Get of Sire shall consist of four animals, any age, the get of one sire. Get need not be owned by exhibitor.

Produce of Dam shall consist of two animals, any age, the produce of one cow. Produce need not be owned by exhibitor.

The ages of all animals in two-year-old class and those older, as well as senior yearlings and senior calves, shall be computed to July 1st, while the ages of junior will be computed to January 1st. Cows 36 months old or over on July 1st of year in which shown, to be eligible to the show, must have produced a calf carried to maturity within 18 months preceding said date. Any bull 36 months old or over on first day of July of year in which shown, that has not dropped to his service one or more living calves during the 12 months preceding said date, will not be eligible to the show.

Complete information must be given on the entry blank. Registration certificate for every animal entered must be submitted to the Superintendent or his assistants upon request. BE SURE to bring registration certificate for each animal.

All cattle must be accompanied by a health certificate and tuberculin test chart issued by a qualified veterinarian and approved by the State Veterinarian, showing the animals to be free from tuberculosis and Bang's disease. If the entire herd has been tuberculin tested within a year of the opening of the Fair and no untested cattle have been added, cattle from such a herd may be shown without further tests. Otherwise the cattle for exhibit shall be tuberculin tested within 60 days of the Fair. Cattle from a herd, all of which have been tested for Bang's disease within the year without reactors and no untested animals have been added, may be shown without further tests. Otherwise the cattle for exhibit shall be tested within 30 days of the Fair. The certificate and test chart must accompany the cattle, and they will not be permitted to enter the barns until the certificate and test chart is submitted to the Superintendent or his authorized representative.

All cows in the dairy breeds, to be judged in the morning, shall be milked at 6:00 p.m. on the day previous to being judged. Dairy cows to be judged in the afternoon shall be milked at 6:00 a.m. of the same day. The judge may, at his option, require any cow to be milked while in the ring or before the awards are made.

Special Herdsman's Prize, page 37.

JERSEYS

Judging begins Tuesday A.M.

Individuals

Class A	1st	2d	3d	4th	5th
278—Bull, dropped before July 1, 1937	\$11.00	\$9.00	\$7.00	\$6.00	\$4.00
279—Bull, dropped July 1, 1937 to June 30, 1938, inclusive.....	11.00	9.00	7.00	6.00	4.00
280—Bull, Senior yearling, dropped July 1, 1938, to December 31, 1938, inclusive	11.00	9.00	7.00	6.00	4.00
281—Bull, Junior yearling, dropped January 1, 1939, to June 30, 1939, inclusive	11.00	9.00	7.00	6.00	4.00
282—Bull, calf, dropped July 1, 1939, to June 30, 1940, inclusive	11.00	9.00	7.00	6.00	4.00
283—Bull, Senior Champion.....	10.00				
284—Bull, Junior Champion.....	10.00				
285—Bull, Grand Champion.....	10.00				
286—Cow, dropped before July 1, 1936	11.00	9.00	7.00	6.00	4.00
287—Cow, dropped July 1, 1936, to June 30, 1937, inclusive....	11.00	9.00	7.00	6.00	4.00
288—Cow or Heifer, dropped July 1, 1937, to June 30, 1938, inclusive	11.00	9.00	7.00	6.00	4.00
289—Heifer, Senior yearling, dropped July 1, 1938, to December 31, 1938, inclusive....	11.00	9.00	7.00	6.00	4.00
290—Heifer, Junior yearling, dropped January 1, 1939, to June 30, 1939, inclusive.....	11.00	9.00	7.00	6.00	4.00
291—Heifer, Senior calf, dropped July 1, 1939, to December 31, 1939, inclusive	11.00	9.00	7.00	6.00	4.00
292—Heifer, Junior calf, dropped January 1, 1940, to June 30, 1940, inclusive	11.00	9.00	7.00	6.00	4.00
293—Female, Senior Champion.....	10.00				
294—Female, Junior Champion.....	10.00				
295—Female, Grand Champion.....	10.00				

Herds

	1st	2d	3d	4th
296—Graded herd	\$10.00	\$8.00	\$6.00	\$5.00
297—Yearling herd	10.00	8.00	6.00	5.00
298—Calf herd	10.00	8.00	6.00	5.00

Groups

	1st	2d	3d	4th	5th
299—Get of sire	\$10.00	\$8.00	\$6.00	\$5.00	\$3.00
300—Produce of dam.....	10.00	8.00	6.00	5.00	3.00

GUERNSEYS

Judging begins Wednesday A.M.

Individuals

Class B	1st	2d	3d	4th	5th
301—Bull, dropped before July 1, 1937	\$11.00	\$9.00	\$7.00	\$6.00	\$4.00
302—Bull, dropped July 1, 1937, to June 30, 1938, inclusive.....	11.00	9.00	7.00	6.00	4.00
303—Bull, Senior yearling, dropped July 1, 1938, to December 31, 1938, inclusive	11.00	9.00	7.00	6.00	4.00
304—Bull, Junior yearling, dropped January 1, 1939, to June 30, 1939, inclusive	11.00	9.00	7.00	6.00	4.00
305—Bull, Calf, dropped July 1, 1939, to June 30, 1940, inclusive	11.00	9.00	7.00	6.00	4.00
306—Bull, Senior Champion.....	10.00				
307—Bull, Junior Champion.....	10.00				
308—Bull, Grand Champion.....	10.00				
309—Cow, dropped before July 1, 1936	11.00	9.00	7.00	6.00	4.00
310—Cow, dropped July 1, 1936, to June 30, 1937, inclusive.....	11.00	9.00	7.00	6.00	4.00
311—Cow, dropped July 1, 1937, to June 30, 1938, inclusive.....	11.00	9.00	7.00	6.00	4.00
312—Heifer, Senior yearling, dropped July 1, 1938, to December 31, 1938, inclusive....	11.00	9.00	7.00	6.00	4.00
313—Heifer, Junior yearling, dropped January 1, 1939, to June 30, 1939, inclusive.....	11.00	9.00	7.00	6.00	4.00
314—Heifer Senior calf, dropped July 1, 1939, to December 31, 1939, inclusive	11.00	9.00	7.00	6.00	4.00
315—Heifer, Junior Calf, dropped January 1, 1940, to June 30, 1940, inclusive	11.00	9.00	7.00	6.00	4.00
316—Female, Senior Champion.....	10.00				
317—Female, Junior Champion.....	10.00				
318—Female, Grand Champion.....	10.00				

Herds

	1st	2d	3d	4th
319—Graded herd	\$10.00	\$8.00	\$6.00	\$5.00
320—Yearling herd	10.00	8.00	6.00	5.00
321—Calf herd	10.00	8.00	6.00	5.00

Groups

	1st	2d	3d	4th	5th
322—Get of sire.....	\$10.00	\$8.00	\$6.00	\$5.00	\$3.00
323—Produce of dam	10.00	8.00	6.00	5.00	3.00

AYSHIRES

Judging begins Wednesday P.M.

Class C		Individuals				
		1st	2d	3d	4th	5th
324—Bull, dropped before July 1, 1937		\$11.00	\$9.00	\$7.00	\$6.00	\$4.00
325—Bull, dropped July 1, 1937, to June 30, 1938, inclusive....	11.00	9.00	7.00	6.00	4.00	
326—Bull, Senior yearling, dropped July 1, 1938, to December 31, 1938, inclusive	11.00	9.00	7.00	6.00	4.00	
327—Bull, Junior yearling, dropped January 1, 1939, to June 30, 1939, inclusive	11.00	9.00	7.00	6.00	4.00	
328—Bull, Calf, dropped July 1, 1939, to June 30, 1940, inclusive	11.00	9.00	7.00	6.00	4.00	
329—Bull, Senior Champion.....	10.00					
330—Bull, Junior Champion.....	10.00					
331—Bull, Grand Champion.....	10.00					
332—Cow, dropped before July 1, 1936	11.00	9.00	7.00	6.00	4.00	
333—Cow, dropped July 1, 1936, to June 30, 1937, inclusive.....	11.00	9.00	7.00	6.00	4.00	
334—Cow, dropped July 1, 1937, to June 30, 1938, inclusive.....	11.00	9.00	7.00	6.00	4.00	
335—Heifer, Senior yearling, dropped July 1, 1938, to December 31, 1938, inclusive....	11.00	9.00	7.00	6.00	4.00	
336—Heifer, Junior Yearling, dropped January 1, 1939, to June 30, 1939, inclusive.....	11.00	9.00	7.00	6.00	4.00	
337—Heifer, Senior Calf, dropped July 1, 1939, to December 31, 1939, inclusive	11.00	9.00	7.00	6.00	4.00	
338—Heifer, Junior Calf, dropped January 1, 1940, to June 30, 1940, inclusive	11.00	9.00	7.00	6.00	4.00	
339—Female, Senior Champion.....	10.00					
340—Female, Junior Champion.....	10.00					
341—Female, Grand Champion.....	10.00					

Herds

	1st	2d	3d	4th
342—Graded herd	\$10.00	\$8.00	\$6.00	\$5.00
343—Yearling herd	10.00	8.00	6.00	5.00
344—Calf herd	10.00	8.00	6.00	5.00

Groups

	1st	2d	3d	4th	5th
345 Get of sire	\$10.00	\$8.00	\$6.00	\$5.00	\$3.00
346—Produce of dam	10.00	8.00	6.00	5.00	3.00

HOLSTEINS

Judging begins Thursday P.M.

Individuals

Class D	1st	2d	3d	4th	5th
347—Bull, dropped before July 1, 1937	\$11.00	\$9.00	\$7.00	\$6.00	\$4.00
348—Bull, dropped July 1, 1937, to to June 30, 1938, inclusive....	11.00	9.00	7.00	6.00	4.00

Individuals—Continued

Class D	1st	2d	3d	4th	5th
349—Bull, Senior yearling, dropped July 1, 1938, to December 31, 1938, inclusive	\$11.00	\$9.00	\$7.00	\$6.00	\$4.00
350—Bull, Junior yearling, dropped January 1, 1939, to June 30, 1939, inclusive	11.00	9.00	7.00	6.00	4.00
351—Bull, Calf, dropped July 1, 1939, to June 30, 1940, inclusive	11.00	9.00	7.00	6.00	4.00
352—Bull, Senior Champion.....	10.00				
353—Bull, Junior Champion.....	10.00				
354—Bull, Grand Champion.....	10.00				
355—Cow, dropped before July 1, 1936	11.00	9.00	7.00	6.00	4.00
356—Cow, dropped July 1, 1936, to June 30, 1937, inclusive.....	11.00	9.00	7.00	6.00	4.00
357—Cow, dropped July 1, 1937, to June 30, 1938, inclusive.....	11.00	9.00	7.00	6.00	4.00
358—Heifer, Senior yearling, dropped July 1, 1938, to December 31, 1938, inclusive....	11.00	9.00	7.00	6.00	4.00
359—Heifer, Junior yearling, dropped January 1, 1939, to June 30, 1939, inclusive.....	11.00	9.00	7.00	6.00	4.00
360—Heifer, Senior Calf, dropped July 1, 1939, to December 31, 1939, inclusive	11.00	9.00	7.00	6.00	4.00
361—Heifer, Junior Calf, dropped January 1, 1940, to June 30, 1940, inclusive	11.00	9.00	7.00	6.00	4.00
362—Female, Senior Champion.....	10.00				
363—Female, Junior Champion.....	10.00				
364—Female, Grand Champion.....	10.00				

Herds

	1st	2d	3d	4th
365—Graded herd	\$10.00	\$8.00	\$6.00	\$5.00
366—Yearling herd	10.00	8.00	6.00	5.00
367—Calf herd	10.00	8.00	6.00	5.00

Groups

	1st	2d	3d	4th	5th
368—Get of sire	\$10.00	\$8.00	\$6.00	\$5.00	\$3.00
369—Produce of dam	10.00	8.00	6.00	5.00	3.00

SWINE



Department F

E. V. VESTAL and H. W. TAYLOR, *Directors, State College, Raleigh, N. C.*

Judge: MR. PAUL SWAFFAR, Blacksburg, Virginia

Judging schedule is indicated for each class. Director reserves right to change judging schedule in case of unusual circumstances.

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

Entries close October 5, 1940. Make your entries early.

Entries are limited to North Carolina.

To avoid switching charges and delay, bill hogs as follows: "For Exhibit, North Carolina State Fair, Camp Polk, N. C. Care Seaboard Air Line Railway."

Exhibitors must specify on entry blank the number of animals entered and the number of pens wanted.

Reserve pens, \$1.00 each.

Only two entries allowed to the class.

Do not make entries in champion classes.

Read Rules Governing Entries, Exhibits and Awards, pages 27 to 39.

The Fair management is offering cash prizes to those exhibitors who keep their pens, alleys, and animals cleanest and neatest during Fair Week. This award is something to be proud of, and we hope you will do your best to win it by helping to keep the swine barn clean and attractive.

BREEDING CLASSES

Age of animals shall be reckoned from March 1 and September 1.

An aged animal is one farrowed prior to September 1, 1938.

A senior yearling is one farrowed between September 1, 1938 and March 1, 1939.

A junior yearling is one farrowed between March 1, 1939, and September 1, 1939.

A senior pig is one farrowed between September 1, 1939 and March 1, 1940.

A junior pig is one farrowed between March 1, 1940 and September 1, 1940.

All animals over six months old must be recorded in the name of the exhibitor on the records of their respective associations.

All aged and senior yearling classes shall be exhibited in good breeding condition. Excessive fitting, or flesh, in aged and senior yearling classes is not to be over emphasized.

All sows two years old or over, eligible to show, must have produced living offspring.

Boars over one year old must have their tusks removed before showing.

Get of sire shall consist of four swine, any age, the get of one boar.

Produce of dam shall consist of four swine, any age, the produce of one sow.

Breeder's young herd shall consist of one boar and three sows, under one year old, bred and owned by exhibitor.

Exhibitor's herd shall consist of one boar and three sows, over one year old all owned by exhibitor.

All animals entered for exhibition shall be in place not later than 10:00 a. m., Tuesday, October 8, 1940.

Section 10 of the Regulation No. 3 of the Livestock Sanitary Laws and Regulations of the North Carolina Department of Agriculture is as follows:

"All swine exhibited at any agricultural fair, or other exhibit within this State, must be accompanied by an affidavit from the owner, certifying that such swine are apparently free from any symptoms of a contagious disease; that they are from premises where no known contagious diseased swine exist, and that they have been properly inoculated with serum alone not less than seven days nor more than thirty days, or with the serum and virus not less than thirty days immediately prior to being placed on exhibit."

All entries must comply with this section. The right is reserved to reject an entry, or to remove same after entered, should our veterinarian find that the animal is affected with a communicable disease.

The Superintendent or ring clerk shall obtain names and record numbers of all animals composing herds and groups, where regularly entered or substituted, that such data may be included in report of awards.

Chester Whites and O.I.C.'s will be shown in the class with Spotted Poland Chinas.

POLAND CHINA

Judging begins Tuesday P.M.

Class A	1st	2d	3d	4th
370—Boar, two years old and over.....	\$15.00	\$10.00	\$7.00	\$6.00
371—Boar, senior yearling	10.00	7.00	4.00	3.00
372—Boar, junior yearling	10.00	7.00	4.00	3.00
373—Boar, senior pig	10.00	7.00	4.00	3.00
374—Boar, junior pig	10.00	7.00	4.00	3.00
375—Sow, two years old or over.....	15.00	10.00	7.00	6.00
376—Sow, senior yearling	10.00	7.00	4.00	3.00
377—Sow, junior yearling	10.00	7.00	4.00	3.00
378—Sow, senior pig	10.00	7.00	4.00	3.00
379—Sow, junior pig	10.00	7.00	4.00	3.00
380—Aged herd, owned by exhibitor.....	15.00	10.00	7.00	6.00
381—Young herd, owned by exhibitor.....	10.00	7.00	4.00	3.00
382—Get of sire	10.00	7.00	4.00	3.00
383—Produce of dam	10.00	7.00	4.00	3.00

Champions

384—Senior champion boar	\$5.00
385—Junior champion boar	5.00
386—Grand champion boar	Ribbon
387—Senior champion sow	5.00
388—Junior champion sow	5.00
389—Grand champion sow	Ribbon

DUROC

Judging begins Wednesday A.M.

Class B	1st	2d	3d	4th
390—Boar, two years old or over.....	\$15.00	\$10.00	\$7.00	\$6.00
391—Boar, senior yearling	10.00	7.00	4.00	3.00
392—Boar, junior yearling	10.00	7.00	4.00	3.00
393—Boar, senior pig	10.00	7.00	4.00	3.00
394—Boar, junior pig	10.00	7.00	4.00	3.00
395—Sow, two years old and over.....	15.00	10.00	7.00	6.00
396—Sow senior yearling	10.00	7.00	4.00	3.00
397—Sow, junior yearling	10.00	7.00	4.00	3.00
398—Sow, senior pig	10.00	7.00	4.00	3.00
399—Sow, junior pig	10.00	7.00	4.00	3.00
400—Aged herd, owned by exhibitor.....	15.00	10.00	7.00	6.00
401—Young herd, owned by exhibitor.....	10.00	7.00	4.00	3.00
402—Get of sire	10.00	7.00	4.00	3.00
403—Produce of dam	10.00	7.00	4.00	3.00

Champions

404—Senior champion boar	\$5.00
405—Junior champion boar	5.00
406—Grand champion boar	Ribbon
407—Senior champion sow	5.00
408—Junior champion sow	5.00
409—Grand champion sow	Ribbon

HAMPSHIRE

Judging begins Wednesday A.M.

Class C	1st	2d	3d	4th
410—Boar, two years old and over.....	\$15.00	\$10.00	\$7.00	\$6.00
411—Boar, senior yearling	10.00	7.00	4.00	3.00
412—Boar, junior yearling	10.00	7.00	4.00	3.00
413—Boar, senior pig	10.00	7.00	4.00	3.00
414—Boar, junior pig	10.00	7.00	4.00	3.00
415—Sow, two years old or over.....	15.00	10.00	7.00	6.00
416—Sow, senior yearling	10.00	7.00	4.00	3.00
417—Sow, junior yearling	10.00	7.00	4.00	3.00
418—Sow, senior pig	10.00	7.00	4.00	3.00
419—Sow, junior pig	10.00	7.00	4.00	3.00
420—Aged herd, owned by exhibitor.....	15.00	10.00	7.00	6.00
421—Young herd, owned by exhibitor.....	10.00	7.00	4.00	3.00
422—Get of sire	10.00	7.00	4.00	3.00
423—Produce of dam	10.00	7.00	4.00	3.00

Champions

424—Senior champion boar	\$5.00
425—Junior champion boar	5.00
426—Grand champion boar	Ribbon
427—Senior champion sow	5.00
428—Junior champion sow	5.00
429—Grand champion sow	Ribbon

BERKSHIRE

Judging begins Wednesday P.M.

Class D	1st	2d	3d	4th
430—Boar, two years old and over.....	\$15.00	\$10.00	\$7.00	\$6.00
431—Boar, senior yearling	10.00	7.00	4.00	3.00
432—Boar, junior yearling	10.00	7.00	4.00	3.00
433—Boar, senior pig	10.00	7.00	4.00	3.00
434—Boar, junior pig	10.00	7.00	4.00	3.00
435—Sow, two years old or over.....	15.00	10.00	7.00	6.00
436—Sow, senior yearling	10.00	7.00	4.00	3.00
437—Sow, junior yearling	10.00	7.00	4.00	3.00
438—Sow, senior pig	10.00	7.00	4.00	3.00
439—Sow, junior pig	10.00	7.00	4.00	3.00
440—Aged herd, owned by exhibitor.....	15.00	10.00	7.00	6.00
441—Young herd, owned by exhibitor.....	10.00	7.00	4.00	3.00
442—Get of sire	10.00	7.00	4.00	3.00
443—Produce of dam	10.00	7.00	4.00	3.00

Champions

444—Senior champion boar	\$5.00
445—Junior champion boar	5.00
446—Grand champion boar	Ribbon
447—Senior champion sow	5.00
448—Junior champion sow	5.00
449—Grand champion sow	Ribbon

SPOTTED POLAND CHINA, CHESTER WHITE, AND O.I.C.

Judging begins Wednesday P.M.

Class E	1st	2d	3d	4th
450—Boar, two years old and over.....	\$15.00	\$10.00	\$7.00	\$6.00
451—Boar, senior yearling	10.00	7.00	4.00	3.00
452—Boar, junior yearling	10.00	7.00	4.00	3.00
453—Boar, senior pig	10.00	7.00	4.00	3.00
454—Boar, junior pig	10.00	7.00	4.00	3.00
455—Sow, two years old or over.....	15.00	10.00	7.00	6.00
456—Sow, senior yearling	10.00	7.00	4.00	3.00
457—Sow, junior yearling	10.00	7.00	4.00	3.00
458—Sow, senior pig	10.00	7.00	4.00	3.00
459—Sow, junior pig	10.00	7.00	4.00	3.00
460—Aged herd, owned by exhibitor.....	15.00	10.00	7.00	6.00
461—Young herd, owned by exhibitor.....	10.00	7.00	4.00	3.00
462—Get of sire	10.00	7.00	4.00	3.00
463—Produce of dam	10.00	7.00	4.00	3.00

Champions

464—Senior champion boar	\$5.00
465—Junior champion boar	5.00
466—Grand champion boar	Ribbon
467—Senior champion sow	5.00
468—Junior champion sow	5.00
469—Grand champion sow	Ribbon

BARROW SHOW

Judging begins Wednesday P.M.

Class F.**Rules and Regulations**

1. Barrows of all breeds and grades are eligible to compete.
2. Registration and date of birth not required.
3. No animal shown in a pen of three can be shown as a single.
4. There will be no auction sale of hogs.

	1st	2d	3d	4th	5th	6th	7th
470—Single barrow, under 220 lbs...\$7.00	\$7.00	\$6.00	\$5.00	\$4.00	\$3.00	\$3.00	\$2.00
471—Single barrow, over 220 lbs....	7.00	6.00	5.00	4.00	3.00	3.00	2.00
472—Pen 3 barrows, under 220 lbs.	12.00	10.00	8.00	6.00	5.00	4.00	
473—Pen 3 barrows, over 220 lbs.	12.00	10.00	8.00	6.00	5.00	4.00	
474—Champion barrow							5.00
475—Champion pen barrows							5.00

SPECIAL

The National Spotted Poland China Record & Bulletin will pay the following cash special prizes in the Junior Gilt Class, providing the winning animal is recorded in The National Spotted Poland China Record at the time shown. One prize only to each exhibitor.

1st	2d	3d	4th	5th	6th	7th
\$10.00	\$7.00	\$5.00	\$3.00	\$2.00	\$2.00	\$1.00

SPECIAL

The Hampshire Swine Registry, 915-917 Commercial Bank Building, Peoria, Illinois offers \$30.00 for the Grand Champion Barrow over all breeds, provided this is a Hampshire whose sire and dam are recorded in Hampshire Swine Registry.

The Hampshire Swine Registry, 915-917 Commercial Bank Building, Peoria, Illinois offers \$20.00 for the Grand Champion Pen of Barrows, over all breeds, provided these are Hampshires whose sires and dams are recorded in Hampshire Swine Registry.

SPECIAL

In the open class market barrow show of the 1940 North Carolina State Fair, the United Duroc Record Association (B. R. Evans, Sec'y.), Peoria, Illinois, will offer the following special cash prizes:

\$10 cash to the owner of the grand champion barrow over all breeds and crossbreeds, providing this barrow is from a recorded Duroc sire and dam, and that the owner furnish the Duroc Association with a good photograph and story regarding this barrow.

\$5 cash to the owner of the grand champion pen of three barrows over all breeds and crossbreeds, providing these barrows are from recorded Duroc sires and dams, and that the owner furnish the Duroc Association with a good photograph and story regarding these barrows.

These awards will be paid directly to the winners by the United Duroc Record Association. All applications for awards must be received within 60 days after closing date of fair, and must include name and registry numbers of sire and dam of barrows.

SPECIAL

The American Poland China Record Association, Geo. W. Davies, Secretary, Union Stock Yards, Chicago, Ill., will award the following:

\$5.00 to the exhibitor of the Grand Champion Boar provided this animal is recorded in this Association when exhibited.

\$5.00 to the exhibitor of the Grand Champion Sow provided the animal is recorded in this Association when exhibited.

\$5.00 to the first prize Barrow weighing under 220 pounds in case it is a Poland China whose sire is recorded in this Association when exhibited.

\$5.00 to the first prize Barrow weighing over 220 pounds in case it is a Poland China whose sire is recorded in this Association when exhibited.

\$10 to the Champion Barrow in case it is a Poland China whose sire is recorded in this Association when exhibited.

DRAFT HORSES AND MULES



Department G

J. L. REA., JR., DALTON SWAFFAR, *Directors*

Judge: PROF. KENNETH C. IKELER

Judging begins Wednesday A.M.

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

Entries close October 5, at 6:00 p.m.

Stalls, \$1.00 each.

Exhibitors must specify on entry blank the number of animals entered and the number of stalls wanted.

See general rules under entries.

All stalls will be well bedded before the Fair, free of charge. Thereafter, exhibitors will be required to furnish their own bedding. Feed and straw will be on sale on the grounds at reasonable prices.

All animals entered for exhibition shall be in place not later than 2:00 p.m., Monday, October 7th.

The superintendent or clerk must check the entries shown in the entry books in each class with the exhibits present, and so mark the entry books that they will show which animals were passed on by the judges.

All purebred animals must be registered prior to the Fair. The name and association of each animal must be shown on the entry blank.

PUREBRED DRAFT HORSES

Class A	1st	2d	3d
475A—Stallion born before Jan 1, 1937.....	\$15.00	\$12.00	\$9.00
476—Stallion born between Jan. 1, 1937 and Jan. 1, 1938	12.00	10.00	8.00
477—Stallion born between Jan. 1, 1938 and Jan. 1, 1939	12.00	10.00	8.00
478—Stallion born between Jan. 1, 1939 and Jan. 1, 1940	12.00	10.00	8.00
479—Champion stallion	10.00		
480—Reserve champion	5.00		
481—Mare born before Jan. 1, 1937.....	15.00	12.00	9.00
482—Mare born between Jan. 1, 1937 and Jan. 1, 1938	12.00	10.00	8.00
483—Mare born between Jan. 1, 1938 and Jan. 1, 1939	12.00	10.00	8.00

Class A Purebred Draft Horses—Continued		1st	2d	3d
484—Mare born between Jan. 1, 1939 and Jan. 1, 1940		\$12.00	\$10.00	\$8.00
485—Champion mare	10.00			
486—Reserve champion	5.00			
487—Mare and 1940 foal	12.00	10.00	8.00	
488—1940 foal	10.00	5.00	3.00	
489—Get of sire, three animals, any age.....	15.00	12.00	8.00	
490—Produce of dam, two animals, any age.....	12.00	10.00	8.00	

GRADE MARES

Class B		1st	2d	3
491—Mare born before Jan. 1, 1937.....	\$15.00	\$12.00	\$9.00	
492—Mare born between Jan. 1, 1937 and Jan. 1, 1939	12.00	10.00	8.00	
493—Mare born after Jan. 1, 1939.....	12.00	10.00	8.00	
494—Mare and 1940 foal	12.00	10.00	8.00	

PUREBRED OR GRADE

Class C		1st	2d	3d
495—Team, weight 2,800 lbs. or more, hitched to wagon	\$15.00	\$12.00	\$8.00	

MULES

Class D		1st	2d	3d
496—Team, weight less than 2,400 lbs., hitched to wagon	\$10.00	\$7.00	\$5.00	
497—Team, weight 2,400 lbs. or more, hitched to wagon	10.00	8.00	5.00	

POULTRY



Department H

**Twenty-Fourth Official State Poultry Show of North Carolina
Held in Connection with the North Carolina State Fair**

J. W. HENDRICKS, *Director, Piedmont Test Farm, Statesville, N. C.*

W. G. BOON, *S. A. HORN*, *Associate Directors.*

DR. R. S. DEARSTYNE, *Head of the Poultry Department,
State College, Raleigh, N. C.*

Judges:

B. F. RICKETTS, *Zanesville, Ohio; Licensed A.P.A. Judge of all
varieties. To Judge Standard Classes*

PROF. N. W. WILLIAMS, *State College Station, Raleigh, N. C.
To Judge Standard Production Classes*

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

Entries in this department close Wednesday, October 2 at 6 P.M.

Entries must be made on printed forms provided by the secretary for that purpose and must be in full compliance with the printed instructions on same. Study the list carefully, then fill out the entry blank with section number, class, book number, premium list number, and name of breed and variety as they appear in the Premium List. Do not send in your birds for exhibit without first having them entered.

Be sure to list only one bird on each line on entry blank giving breed, variety and sex of each bird. More blanks will be furnished upon request if needed.

Note the above date for the closing of entries in this department.

Positively no entries will be accepted after opening of Fair.

RULES AND REGULATIONS GOVERNING CLASSES

(Read Carefully)

1. Entries in this department will be limited to North Carolina. Breeders and fanciers are cordially invited.

2. No carload or professional string-man exhibit will be allowed to compete for premiums, except those who are owners and breeders of the birds they exhibit, and maintain a breeding establishment sufficient to raise the birds so exhibited.

NOTE. This rule will not be construed to debar any legitimate number of exhibitors from combining and chartering a car to transport their exhibits if by so doing they can save freight and other expenses, but it will be enforced against those it is intended to debar.

3. All entries must be made with Dr. J. S. Dorton, manager, not later than Wednesday, October 2 at 6 o'clock p.m., and entry fees paid in full at the time of entry. Please note carefully amount of entry fees required in various classes. Birds must reach Raleigh not later than 10 a.m. Monday, October 7. Judging will begin promptly at 9 a.m. Tuesday. All birds not in place at that time will be debarred from competition.

4. All shipments of fowls should be plainly marked as to breed, variety, and number of birds in each coop; legband numbers should be noted on entry blanks. The State Fair will not be responsible for errors in cooping or handling birds when this rule has not been complied with.

5. Shipments of fowls should be addressed to Poultry Department, N. C. State Fair, Raleigh, N. C., with all express charges prepaid. They will receive proper attention and be returned to owners at close of Fair, unless other shipping instructions are given. Birds showing disease will not be accepted.

6. The American Standard of Perfection (revised edition) will be the guide of the judges in awarding premiums.

7. The premiums will be paid only on standard varieties listed in this catalog and then on worthy specimens only.

8. The State Fair will employ a competent staff of judges, and their decisions will be final. Protest will be entertained only when accompanied by a fee of \$5.00, this fee to be forfeited unless protest is sustained by a majority of the judging staff.

9. All birds are entered at the risk of owners. The State Fair will not be responsible for loss by fire or otherwise, but will exercise all possible vigilance in the care of exhibits at the Exhibit Hall. The management reserves the right to coop one or more birds of the same variety and belonging to the same person together if absolutely necessary. In no case will two male birds be placed in the same coop.

10. After judging, the management will endeavor to place on the coops any advertising matter supplied by the exhibitor for his coop.

11. Premiums will be paid only to worthy specimens. To win first premium a bird must score at least 88 points, second premium 87 points; less than 87 points, third and fourth prizes will be awarded.

No one will be allowed to handle fowls on display except owners or officials of the show without permission of the directors.

Read Rules Governing Entries, Exhibits and Awards, pages 27 to 39.

Definition of Terms Used in Premium List

Cock: Male bird one year old or older.

Hen: Female bird one year old or older.

Cockerel: Male bird less than one year old.

Pullet: Female bird less than one year old.

Old Trio: A male and two females one year old or older.

Young Trio: A male and two females less than one year old.

NOTE: Trios are specified instead of pens.

SECTION 1, CLASS A—SPECIAL CLASSIFICATION

Exhibits will be limited to North Carolina

ENTRY FEES AND PREMIUMS FOR THIS CLASSIFICATION

Entry Fees

Entry fee on single bird.....	\$0.25
Entry fee on trio.....	.75

Premiums

	1st	2d	3d
Cock	\$3.00	\$2.00	Ribbon
Hen	3.00	2.00	Ribbon
Cockerel	3.00	2.00	Ribbon
Pullet	3.00	2.00	Ribbon
Old Trio	4.00	2.00	\$1.00
Young Trio	4.00	2.00	1.00

Two entries are required to fill single and trio classes.

	1st	2d
If two entries are received, prize will be.....	\$3.00	\$2.00
If one entry is received, prize will be.....	2.00	
Trio prizes. If one entry is received, prize will be.....	2.00	

BOOK I. AMERICAN CLASS (SPECIAL)

	Cock	Hen	Ckl.	Pul.	Young Trio	Old Trio
Barred Plymouth Rock (light).....	498	499	500	501	502	503
Barred Plymouth Rock (dark).....	504	505	506	507	508	509
Buff Plymouth Rock	510	511	512	513	514	515
White Plymouth Rock.....	516	517	518	519	520	521
Silver Penciled Plymouth Rock.....	522	523	524	525	526	527
White Wyandotte	528	529	530	531	532	533
Partridge Wyandotte	534	535	536	537	538	539
Columbian Wyandotte	540	541	542	543	544	545
Silver Laced Wyandotte	546	547	548	549	550	551
Single-Comb Rhode Island Red....	552	553	554	555	556	557
Jersey Black Giant.....	558	559	560	561	562	563

BOOK 2. ASIATIC CLASS (SPECIAL)

	Cock	Hen	Ckl.	Pul.	Young Trio	Old Trio
Black Langshan	564	565	566	567	568	569

BOOK 3. MEDITERRANEAN CLASS (SPECIAL)

	Cock	Hen	Ckl.	Pul.	Young Trio	Old Trio
Single-Comb White Leghorn.....	570	571	572	573	574	575
Single-Comb Ancona	576	577	578	579	580	581
Single-Comb Dark Brown Leghorn.....	582	583	584	585	586	587
Single-Comb Light Brown Leghorn.....	588	589	590	591	592	593
Single-Comb Buff Leghorn	594	595	596	597	598	599

BOOK 4. ENGLISH CLASS (SPECIAL)

	Cock	Hen	Ckl.	Pul.	Young Trio	Old Trio
Dark Cornish	600	601	602	603	604	605
Single-Comb Buff Orpington	606	607	608	609	610	611

BOOK 5. STANDARD PRODUCTION CLASS (SPECIAL) (UTILITY)

Egg Production Qualities Count 60%, and Standard Qualities 40%

	Cock	Hen	Ckl.	Pul.	Young Trio	Old Trio
Single-Comb White Leghorn	612	613	614	615	616	617
Single-Comb Rhode Island Red	618	619	620	621	622	623
Barred Plymouth Rock	624	625	626	627	628	629
White Plymouth Rock	630	631	632	633	634	635

SECTION 2, CLASS B—REGULAR CLASSIFICATION

Exhibits in this department limited to North Carolina.

Premiums on Class B will be as follows:

	1st	2d	3d
Cock	\$2.00	\$1.00	Ribbon
Hen	2.00	1.00	Ribbon
Cockerel	2.00	1.00	Ribbon
Pullet	2.00	1.00	Ribbon

No premiums will be offered on trios in Section 2.

Entry Fees

Entry fees in Section 2, Regular Classification, will be as follows:

Entry fee on single bird.....\$0.25

Two entries are required to fill single classes. If one entry is received, second premium only will be paid.

BOOK 6. AMERICAN CLASS

	Cock	Hen	Cockerel	Pullet
Partridge Plymouth Rock	636	637	638	639
Columbian Plymouth Rock	640	641	642	643
Blue Plymouth Rock	644	645	646	647
Golden Laced Wyandotte	648	649	650	651
Buff Wyandotte	652	653	654	655
Black Wyandotte	656	657	658	659
Silver Penciled Wyandotte	660	661	662	663
Rose Comb Rhode Island Red	664	665	666	667
Rose Comb Rhode Island White	668	669	670	671
Buckeye	672	673	674	675
Jersey White Giant	676	677	678	679
New Hampshire	680	681	682	683
Dominiques	684	685	686	687

BOOK 7. ASIATIC CLASS

	Cock	Hen	Cockerel	Pullet
Light Brahma	688	689	690	691
Dark Brahma	692	693	694	695
Partridge Cochinchina	696	697	698	699
Buff Cochinchina	700	701	702	703
White Langshan	704	705	706	707

BOOK 8. MEDITERRANEAN CLASS

	Cock	Hen	Cockerel	Pullet
Single-comb Columbian Leghorn	708	709	710	711
Rose Comb Dark Brown Leghorn	712	713	714	715
Rose Comb Light Brown Leghorn	716	717	718	719
Rose Comb White Leghorn	720	721	722	723

Book 8. Mediterranean Class—Continued	Cock	Hen	Cockerel	Pullet
Single-comb Black Leghorn.....	724	725	726	727
Single-comb Silver Leghorn	728	729	730	731
Single-comb Red Leghorn.....	732	733	734	735
Rose Comb Black Minorca.....	736	737	738	739
Single-comb Black Minorca.....	740	741	742	743
Rose Comb White Minorca.....	744	745	746	747
Single-comb White Minorca.....	748	749	750	751
Single-comb Buff Minorca.....	752	753	754	755
White-faced Black Spanish.....	756	757	758	759
Blue Andalusians	760	761	762	763
Rose Comb Ancona	764	765	766	767
Buttercup	768	769	770	771

BOOK 9. ENGLISH CLASS

	Cock	Hen	Cockerel	Pullet
Silver Gray Dorking	772	773	774	775
Single-comb Black Orpington.....	776	777	778	779
Single-comb White Orpington	780	781	782	783
Single-comb Blue Orpington.....	784	785	786	787
Speckled Sussex	788	789	790	791
White Laced Red Cornish.....	792	793	794	795
White Cornish	796	797	798	799
Australorp	800	801	802	803

BOOK 10. POLISH CLASS

	Cock	Hen	Cockerel	Pullet
White Crested Black.....	804	805	806	807
Bearded Golden	808	809	810	811
Non-bearded Golden	812	813	814	815
Non-bearded Silver	816	817	818	819
Non-bearded White	820	821	822	823
Buff Laced	824	825	826	827

BOOK 11. HAMBURG CLASS

	Cock	Hen	Cockerel	Pullet
Golden Spangled	828	829	830	831
Silver Spangled	832	833	834	835
Black	836	837	838	839

BOOK 12. FRENCH CLASS

	Cock	Hen	Cockerel	Pullet
Mottled Houdan	840	841	842	843

BOOK 13. ORIENTAL CLASS

	Cock	Hen	Cockerel	Pullet
Black Sumatra	844	845	846	847
Black Breasted Red Malay.....	848	849	850	851

BOOK 14. GAME CLASS

	Cock	Hen	Cockerel	Pullet
Modern Silver Duckwing	852	853	854	855
Pitt (all varieties compete as one).....	856	857	858	859

BOOK 15. GAME BANTAM CLASS

	Cock	Hen	Cockerel	Pullet
Modern Golden Duckwing.....	860	861	862	863
Modern Silver Duckwing.....	864	865	866	867
Modern Black Breasted Red.....	868	869	870	871
Modern Brown Red.....	872	873	874	875
Modern Birchen	876	877	878	879
Modern Red Pyle.....	880	881	882	883
Modern Black	884	885	886	887
Modern White	888	889	890	891
Old English Spangled	892	893	894	895
Old English Black-Red.....	896	897	898	899
Black Breasted Red Malay.....	900	901	902	903
Dark Cornish	904	905	906	907

BOOK 16. ORNAMENTAL BANTAM CLASS

	Cock	Hen	Cockerel	Pullet
Golden Sebright	908	909	910	911
Silver Sebright	912	913	914	915
Rose Comb White	916	917	918	919
Rose Comb Black	920	921	922	923
Light Brahma	924	925	926	927
Dark Brahma	928	929	930	931
Buff Cochin	932	933	934	935
Partridge Cochin	936	937	938	939
White Cochin	940	941	942	943
Black Cochin	944	945	946	947
Black Tailed Japanese	948	949	950	951
White Japanese	952	953	954	955
Black Japanese	956	957	958	959
Gray Japanese	960	961	962	963
Mille Fleur Booted	964	965	966	967
Bearded White Polish	968	969	970	971
Buff Laced Polish	972	973	974	975
Non-bearded White Polish.....	976	977	978	979
Partridge Wyandotte	980	981	982	983
White Wyandotte	984	985	986	987

BOOK 17. MISCELLANEOUS

	Cock	Hen	Cockerel	Pullet
Silkie	988	989	990	991
Frizzles (all varieties compete as one).....	992	993	994	995

BOOK 18. DUCKS

	Drake	Duck	Young Drake	Young Duck
White Pekin	996	997	998	999
Colored Muscovy	1000	1001	1002	1003
White Muscovy	1004	1005	1006	1007
Fawn and White Runner.....	1008	1009	1010	1011
White Runner	1012	1013	1014	1015

BOOK 19. GEESE

	Gander	Goose	Young Gander	Young Goose
Gray Toulouse	1016	1017	1018	1019
Gray African	1020	1021	1022	1023
White Chinese	1024	1025	1026	1027
Brown Chinese	1028	1029	1030	1031
Wild or Canadian	1032	1033	1034	1035

SECTION 2. CLASS C. TURKEYS

	1st	2d	3d	4th
Old Tom	\$3.00	\$2.00	\$1.00	Ribbon
Old Hen	3.00	2.00	1.00	Ribbon
Yearling Tom	3.00	2.00	1.00	Ribbon
Pullet	3.00	2.00	1.00	Ribbon
Cockerel	3.00	2.00	1.00	Ribbon

BOOK 20. TURKEYS

	Old Tom	Old Hen	Yearling Tom	Pullet	Cockerel
Bronze	1036	1037	1038	1039	1040
Narragansett	1041	1042	1043	1044	1045
Bourbon Red	1046	1047	1048	1049	1050
White Holland	1051	1052	1053	1054	1055

SPECIALS AND SWEEPSTAKES**Specials**

Best male in American Class.....	\$5.00
Best female in American Class.....	5.00
Best male in Asiatic Class.....	5.00
Best female in Asiatic Class.....	5.00
Best male in Mediterranean Class.....	5.00
Best female in Mediterranean Class.....	5.00
Best male in English Class.....	5.00
Best female in English Class.....	5.00
Best bird, male or female, in Polish Class.....	5.00
Best bird, male or female, in Hamburg Class.....	5.00
Best bird, male or female, in Oriental Class.....	5.00
Best male in Game Class.....	5.00
Best female in Game Class.....	5.00
Best male in Game Bantam Class.....	5.00
Best female in Game Bantam Class.....	5.00
Best male in Ornamental Bantam Class.....	5.00
Best female in Ornamental Bantam Class.....	5.00

Turkey Specials

Best Turkey tom, old or young, in show.....	\$5.00
Best Turkey hen, old or young, in show.....	5.00

Specials in Standard Production Class (Utility)

Best male in Utility Class.....	\$5.00
Best female in Utility Class.....	5.00

Sweepstakes

Best male in show.....	\$10.00
Best female in show.....	10.00

HOME DEMONSTRATION DIVISION OF THE NORTH CAROLINA EXTENSION SERVICE



Department I

RUTH CURRENT, *State Home Demonstration Agent, General Director*

It is the desire of this department to exhibit materials that will interest all passersby; also, influence observers to study facts presented and carry away practical ideas showing new or improved home practices.

SPECIAL EDUCATIONAL EXHIBITS

By

The Home Demonstration Division of the North Carolina Agricultural
Extension Service, N. C. State College, Raleigh, N. C.

The purpose of the Mattress Making Demonstration is to stimulate interest among the people in North Carolina in making or buying mattresses. Cotton makes a good mattress. Thousands of farm families in North Carolina can learn to make mattresses from their own cotton and at the same time it will increase the domestic consumption of cotton now in surplus.

MAKING A COTTON MATTRESS

PAULINE E. GORDON, *Director*

Extension Specialist in Home Management and House Furnishings

MAMIE N. WHISNANT, *Assistant Director*

*Assistant Extension Specialist in Home Management and
House Furnishings*

"Cutting and Making Ticks"

Home Demonstration Club Women of Lenoir County

1056\$93.50

WILLIE N. HUNTER, *Assistant Director*

Extension Specialist in Clothing

JULIA McIVER, *Assistant Director*

Assistant Extension Specialist in Clothing

"Marking and Filling The Ticks"

Home Demonstration Club Women of Nash County

1057\$93.50

"Whipping and Beating"

Home Demonstration Club Women of Yancey County

1058\$93.50

CORNELIA C. MORRIS, *Assistant Director**Extension Economist in Food Conservation and Marketing***"Rolled Edge and Tufting"**

Home Demonstration Club Women of Wayne County

1059\$93.50

MARY E. THOMAS, *Assistant Director**Extension Nutritionist*SALLIE BROOKS, *Assistant Director**Assistant Extension Nutritionist***"Consumer Education on the Mattress Project"**

Home Demonstration Club Women of Swain County

1060\$93.50

"The Bedroom"

Home Demonstration Club Women of Person County

1061\$93.50

PAULINE E. GORDON, *Director**Extension Specialist in Home Management and House Furnishings*MAMIE N. WHISNANT, *Assistant Director**Assistant Extension Specialist in Home Management and
House Furnishings*

CULINARY, HOUSE FURNISHINGS AND CLOTHING

ELEANOR H. MASON, *Director*
MRS. D. F. BETTS, *Assistant Director*

This department is desirous of having high standards and good workmanship. Please send only the best to us. Let's make the department the best at the State Fair by checking on our standards.

Entries confined to North Carolina.

Entries in all departments close Monday, October 7, at 1:00 p.m.

Entries in all departments must be made on printed forms provided by the Secretary for that purpose and must be in full compliance with printed instructions on same. Exhibitors should study the list carefully, and when decision has been made in which classes to enter, should fill out the entry blank with class number and name as they appear in the Premium Book. Do not send in your articles for exhibit without first having had them entered by October 5, 1940.

Note the above date for the closing entries in this Department. Positively no entries will be accepted on the first day of the Fair.

Articles entered in single classes cannot be shown in displays.

All entries must have been prepared by the exhibitor within the year 1940.

Only one entry from an individual will be allowed in any one class.

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

All exhibits must be in place by 9:00 o'clock a.m., Monday, October 7.

In order to award the premiums intelligently in this department, it is necessary to open the containers and make close inspection.

CULINARY CANNED FRUITS AND VEGETABLES

Score Card for Judging

1. Appearance	25 points
a. Color	15
b. Clearness	10
2. Texture	10 points
3. Flavor	20 points
4. Uniformity	15 points
a. Ripeness	10
b. Appropriate size	5
5. Pack arrangement	15 points
6. Container	15 points
a. Appropriate package	5
b. Neatness	5
c. Label	5
Total	100 points

Explanation of Score Card

Color—That of natural fruit or vegetable.

Clearness—Syrup or liquid clear, free from seeds, etc.

Texture—Tender, yet not overcooked. Only young and tender vegetables should be canned.

Flavor—The natural flavor should be preserved as much as possible. In canning fruits, too much sugar should not be used.

Ripeness—Uniformly well-ripened products; no defective or overripe fruits or vegetables.

Appropriate size—Graded and sorted fruits and vegetables. Uniformity of shape and size.

Pack—Arrangement with reference to symmetry and best use of space within the jar. As large a proportion of solids to liquid as possible. Attractiveness of pack should be considered.

Container—Containers should be uniform and of shape and size practicable to average home. Labels should be suitable, uniform and neat, and should be placed under bottom of jar.

Preference will be given to articles exhibited in clear glass containers.

Unless article is of good quality, no premium will be awarded.

Quart Jars

Class A	1st	2d
1062—Apples (whole or sliced).....	\$1.00	\$0.50
1063—Applesauce	1.00	.50
1064—Blackberries	1.00	.50
1065—Dewberries	1.00	.50
1066—Huckleberries	1.00	.50
1067—Raspberries	1.00	.50
1068—Cherries	1.00	.50
1069—Figs	1.00	.50
1070—Peaches	1.00	.50
1071—Pears	1.00	.50
1072—Carrots	1.00	.50
1073—Asparagus	1.00	.50
1074—Tomatoes (whole)	1.00	.50
1075—Tomatoes (for soups, etc.).....	1.00	.50
1076—Tomato puree	1.00	.50
1077—Sweet potatoes	1.00	.50
1078—Soup mixture	1.00	.50
1079—Sauerkraut	1.00	.50
1080—Baby beets	1.00	.50
1081—Stringbeans	1.00	.50
1082—Squash	1.00	.50
1083—Green peas	1.00	.50
1084—Field peas	1.00	.50
1085—Corn	1.00	.50
1086—Lima beans	1.00	.50
1087—Okra	1.00	.50
1088—Pimento peppers (pint or half-pint).....	1.00	.50

PRESERVES

Score Card for Judging

Fruit	55 points
(a) Shape	10
(b) Clearness and color.....	10
(c) Flavor	15
(d) Texture	10
(e) Pack	10

Syrup	45 points
(a) Clearness and color.....	10
(b) Flavor	15
(c) Consistency	10
(d) Proportion of juice.....	10
Total.....	100 points

Explanation of Score Card

Shape—Fruit should be as nearly as possible original shape in appearance.

Clearness and Color—Clear, and in some fruit transparent, not too dark.

Flavor—Fruit flavor should not be destroyed by the use of too much sugar.

Texture—Tender, but firm and plump.

Pack—Arrangement of fruit with reference to symmetry. Juice should be clear and not too dark.

Consistency—Heavy, but not enough to crystallize.

Proportion of Juice—About one-third as much syrup as fruit.

Quart Jars

Class B	1st	2d
1089—Peach	\$1.50	\$0.75
1090—Pear	1.50	.75
1091—Fig	1.50	.75
1092—Strawberry	1.50	.75
1093—Watermelon rind	1.50	.75
1094—Apple	1.50	.75
1095—Blackberry	1.50	.75
1096—Damson	1.50	.75
1097—Plum	1.50	.75
1098—Grape	1.50	.75

JAM AND FRUIT BUTTER

Score Card for Judging

Smoothness	20 points
Flavor	35 points
Consistency and texture	30 points
Color and clearness	10 points
Container	5 points
Total.....	100 points

Explanation of Score Card

Jams are made from the whole fruits, usually small ones, and are cooked to a smooth jelly-like consistency. Butters are made from fruits which contain a large proportion of the fleshy material and the seeds and skins are discarded. Do not cover jam with paraffin.

Pint Jars

Class C	1st	2d
1099—Peach	\$1.50	\$0.75
1100—Plum	1.50	.75
1101—Blackberry	1.50	.75
1102—Dewberry	1.50	.75

Class C	Pint Jars—Continued	1st	2d
1103—Strawberry		\$1.50	\$0.75
1104—Raspberry		1.50	.75
1105—Grape		1.50	.75
1106—Pear		1.50	.75
1107—Fig		1.50	.75
1108—Damson		1.50	.75
1109—Apple butter		1.50	.75

JELLY

Shown in Glass

Class D		1st	2d
1110—Apple		\$0.75	\$0.50
1111—Crabapple .....		.75	.50
1112—Grape .....		.75	.50
1113—Scuppernong .....		.75	.50
1114—Plum .....		.75	.50
1115—Blackberry or dewberry .....		.75	.50

JUICES AND KETCHUPS

Score Card for Judging Fruit Juices

Color	20 points
Clearness	20 points
Flavor	50 points
Container	10 points
Total.....	100 points

Score Card for Judging Tomato Juice

Color	20 points
Stability	15 points
Absence of defects	15 points
Flavor	45 points
Container	5 points
Total.....	100 points

Explanation of Score Card

Color—Typical color of well-ripened tomatoes.

Stability—Little or no tendency to separate after standing fifteen minutes.

Absence of Defects—No particles of fiber, skin, or seed.

Flavor—Typical ripe tomato flavor. No objectionable or "off" flavor.

Container—Bottle of suitable size. Metal cap or new cork and sealing wax. (Do not use paraffin.)

Score Card for Judging Tomato Ketchup

Color	20 points
Flavor	45 points
Stability	30 points
Container	5 points
Total.....	100 points

Explanation of Score Card

Color—Rich brownish red.

Flavor—Pronounced tomato flavor. Not too highly spiced. Not too sweet or too sour.

Stability—Thick. No tendency to separate from the vinegar.

Container—Bottle of suitable size. New cork and sealing wax or metal cap. (Do not use paraffin for sealing bottles.)

JUICES

Entries should be exhibited in bottles (pint or less).

Class E	1st	2d
1116—Strawberry juice	\$0.75	\$0.50
1117—Blackberry juice .....	.75	.50
1118—Cold pressed grape juice .....	.75	.50
1119—Hot pressed grape juice .....	.75	.50
1120—Tomato juice .....	.75	.50
1121—Tomato ketchup .....	.75	.50

PICKLES**Score Card for Judging**

Size and shape	10 points
Flavor	30 points
Texture	30 points
Color	15 points
Proportion of pickle to liquid.....	10 points
Container	5 points

Total.....100 points

Explanation of Score Card

Size and shape—Uniform size and shape.

Flavor—Natural flavor in fruit pickles. Juice or liquid source of flavor. Not overspiced.

Texture—Firm, not tough, soft, or flabby.

Color—As near natural color as possible.

Proportion of pickle to liquid—Amount large.

Container—Appropriate for pickles.

Quart Jars

Class F	1st	2d
1122—Cucumber	\$1.50	\$0.75
1123—Sliced green tomato.....	1.50	.75
1124—Peach (sweet)	1.50	.75
1125—Pear (sweet)	1.50	.75
1126—Watermelon rind (sweet).....	1.50	.75
1127—Beet	1.50	.75
1128—Onion	1.50	.75
1129—Chowchow	1.50	.75
1130—Dixie relish	1.50	.75
1131—Chili sauce	1.50	.75
1132—Artichoke relish	1.50	.75

CANNED MEATS**Score Card for Judging**

Appearance	20 points
Pack	10 points
Size and uniformity of pieces.....	20 points
Flavor	30 points
Texture	20 points

Total.....100 points

Explanation of Score Card

Appearance—No unusual cloudiness, normal color and appearance. Spaces filled with liquid. (Fried chicken, liver, fish, and sausage should be dry packed; other products should be covered with liquid.)

Pack—Uniform, economical, free of excess fat.

Size and Uniformity of Pieces—Uniform size.

Flavor—Characteristic flavor and odor.

Texture—Moist, firm, and tender.

Quart Jars

Class G	1st	2d
1133—Beef	\$1.50	\$0.75
1134—Pork (chops, spareribs, etc.).....	1.50	.75
1135—Chicken	1.50	.75
1136—Fish	1.50	.75
1137—Sausage	1.50	.75
1138—Liver	1.50	.75

SPECIAL GROUP DISPLAYS

	1st	2d
1139—Exhibit of canned vegetables, consisting of one quart jar of stringbeans and one quart of soup mixture.....	\$2.00	\$1.00
1140—Exhibit consisting of three quart jars; one meat, one vegetable, one fruit	2.00	1.00
1141—Exhibit of preserves in quart jars. Three jars selected from the following: Peach, pear, strawberry, fig, or cherry	2.00	1.00
1142—Exhibit of jams in pint jars. Three jars to be selected from the following: Blackberry or dewberry, raspberry, strawberry, fig, peach, or grape.....	2.00	1.00
1143—Exhibit of pickles consisting of four quart jars, as follows: One cucumber, one peach, one watermelon rind, one sliced green tomato.....	2.00	1.00
1144—Exhibit of relish. One chowchow, one pepper relish....	1.50	.75

BREAD, CAKES, ETC.**Score Card for Judging Bread, Cakes, and Cookies**

1. General appearance	20 points
(a) shape	5
(b) Size	5
(c) Crust	10
2. Flavor	35 points
(a) Taste and odor.....	35

3. Crumb	30 points
(a) Texture and grain.....	15
(b) Moisture	10
(c) Color	5
4. Lightness	15 points
Total.....	100 points

Explanation of Score Card

Standards for loaf bread:

Shape—Oblong, uniform height in all parts.

Size—About 9x4x4.

Crust—Uniform golden brown, crisp and smooth.

Flavor—Sweet and nutty; no suggestion of sourness or taste of yeast.

Texture of Grain—Tender but not crumbly; fine even grain throughout.

Moisture—Slightly moist, yet springy and elastic when pressed lightly with finger.

Color—Creamy white, no heavy spots or dark streaks.

Lightness—Well raised, equally light throughout.

Standards for rolls, biscuits, muffins:

Shape—Uniform, typical of particular bread exhibited.

Size—Uniform, neither excessively large nor small.

Crust—Crisp, tender, and uniform golden brown.

Flavor—Pleasing; no suggestion of sourness, rancid fat, impure or excessive amount of any ingredient.

Texture and Grain—Even and fine-grained, tender. (Biscuits flaky.)

Color—Cream white, no streaks.

Lightness—Light, but not coarse grained.

Standards for cake:

Shape—Level or very slightly rounded.

Size—Medium. If layer cake, layers should be uniform in thickness.

Crust—Cakes made with fat, tender, smooth, and golden brown in color. Cakes made without fat, rough, slightly sugary, and light brown in color.

Flavor—No decided taste of shortening, eggs, or flavoring.

Texture—Cakes made with fat, light, tender and easily broken, fine and uniform grain. Cakes made without fat, light, tender and velvety, no sign of doughiness; fine grained.

Moisture—Slightly moist, but elastic when pressed lightly with the finger.

Color—Uniform color.

Lightness—Very light. Equally light throughout.

Standards for Cookies:

Size—Uniform.

Shape—Round and uniform; a slight plumpness on top.

Crust—Tender and brittle; light brown in color.

Flavor—Sweet and fresh, not too intense. No indication of poor ingredients; no one flavor predominating.

Texture and Grain—Depends on type of cookie. Thin, rolled cookies should be crisp, others should have a fine, even grain and be somewhat moist.

Moisture—Sugar cookies are firm and crisp. Fruit cookies are moist.

Color—Depends on ingredients.

Lightness—Equally light throughout.

BREAD

Class H	1st	2d	3d
1145—Yeast bread (white).....	\$2.50	\$2.00	\$1.50
1146—Graham or whole wheat yeast bread.....	2.50	2.00	1.50
1147—Rolls—white (one dozen)	2.00	1.25	.75
1148—Rolls—graham or whole wheat.....	2.00	1.25	.75
1149—Steamed brown bread	1.50	1.00	.50
1150—Corn meal muffins, one-half dozen.....	1.00	.75	.50
1151—Baking powder biscuits, one-half dozen.....	1.00	.75	.50
1152—Soda biscuits, one-half dozen.....	1.00	.75	.50

CAKES

Loaf Cakes

Class I	1st	2d	3d
1153—Black fruit cake	\$5.00	\$3.50	\$2.00
1154—White fruit cake	5.00	3.50	2.00
1155—Pound cake, iced	4.00	2.50	1.00
1156—Sponge cake, not iced.....	2.00	1.50	.75
1157—Angel food cake.....	2.00	1.50	.75
1158—Decorated cake (not overly done; pastel colors preferred)	2.50	1.50	1.00

LAYER CAKES

Class J	1st	2d	3d
1159—Chocolate filling	\$2.50	\$1.50	\$1.00
1160—Caramel filling	2.50	1.50	1.00
1161—Cocoanut filling	2.50	1.50	1.00
1162—Devil's food	2.50	1.50	1.00

COOKIES AND SMALL CAKES

Class K	1st	2d
1163—Small fancy cakes (in covered container).....	\$2.00	\$1.00
1164—Fruit drop cookies.....	1.00	.75
1165—Ice box cookies	1.00	.75
1166—Sugar cookies	1.00	.75
1167—Doughnuts	2.00	1.00

CANDY

Class L	1st	2d
1168—White taffy, one pound (in covered container).....	\$1.00	\$0.75
1169—Molasses taffy, one pound	1.00	.75
1170—Peanut brittle	1.00	.75
1171—Divinity	1.00	.75
1172—Chocolate fudge	1.00	.75
1173—French candy	1.00	.75
1174—Assorted candy, one pound	1.00	.75

MISCELLANEOUS

(By Children Under 16 Years)

Class M	1st	2d
1175—One-half dozen biscuits	\$0.75	\$0.50
1176—One-half dozen pocketbook rolls.....	.75	.50
1177—Loaf bread	1.50	.75
1178—Plain cake	1.50	.75
1179—Layer cake	1.50	.75
1180—One-half pound fudge (in covered container).....	.75	.50

Open

Class N	1st	2d
1181—School lunch for twelve-year-old boy, considering balanced ration, preparation, packing, neatness, kind of container, etc. The menus for breakfast and evening meals must be included.....	\$1.00	\$0.75

CLOTHING AND HOUSE FURNISHINGS

Score Card for Judging Clothing

1. Suitability	20
2. General Appearance	25
Design	8
Individuality	8
Color Combinations	5
Texture Combinations	4
3. Workmanship	35
Cutting	10
Quality of finish, neatness, accuracy.....	15
Appropriateness of Finish.....	10
4. Economic Aspects	20
Value in relation to cost in time and money	10
Durability of materials and design....	5
Cost of upkeep.....	5
Total Score.....	100

Score Card for Judging Undergarments

1. Material	30
Hygienic aspects	10
Durability	10
Laundering	10
2. Workmanship	30
Choice and neatness of seams, hems, finishes	15
Perfection of stitches	15
3. Design	20
Suitability (protection, modesty comfort).....	10
Beauty in line	5
Originality	5
4. General Appearance	10
Cleanliness	5
Pressing	5
5. Relation of garment to cost in time and money....	10
Total Score.....	100

Explanation of Score Cards

Materials—Durable, poor, coarse, soft, heavy, rough, tightly woven, loosely woven, dainty, easy to launder, difficult to launder, etc.

Design—Good taste, poor taste, healthy, pleasing, refined, confusing, monotonous, appropriate, harmonious, good proportion, protection, comfortable.

Color—Tubfast and sunfast, dull, interesting, inappropriate, dainty, suitable, elaborate, festive, etc. Color combinations—good or bad.

Workmanship—Seam suitable to garment, well constructed, poorly constructed, stitching poor, seams uneven, raveling, bastings, bulky, will wear well, will not wear well, threads tied.

General Appearance—Well pressed, fresh, wrinkled, clean, soiled, good, poor.

Cost of garment—Time, money and service.

House Furnishings Score Card

1. General appearance	30
Design	10
Individuality	5
Color combinations	10
Texture combinations	5
2. Workmanship	35
Uniformity	15
Technique	20
3. Economic aspects	35
Value in relation to cost in time and money	15
Durability of materials and design	10
Cost of upkeep	10
Total Score	100

INFANT'S CLOTHING

Class A	1st	2d
1182—Infant's layette (minimum: Six pieces must include dress, slip, gown)	\$5.00	\$4.00

CHILDREN'S CLOTHING

Class B	1st	2d
1183—Cotton dress, 3-6 years (have on coat hanger)	\$1.00	\$0.75
1184—Boy's cotton suit, 3-6 years (have on coat hanger)	1.50	1.00
1185—Cotton dress, 6-12 years (have on coat hanger)	1.50	1.00
1186—Boy's cotton shirt, 6-12 years (have on coat hanger) ..	1.00	.75
1187—Child's wool coat	2.50	2.00
1188—Child's party dress	1.50	1.00
1189—Child's "dress up" dress, 3-6 years	1.50	1.00
1190—Child's "dress up" dress, 6-12 years	2.00	1.50

GIRLS' CLOTHING

(By Girls 10-14 Years)

Class C	1st	2d
1191—Gown	\$1.00	\$0.75
1192—Pajamas	1.50	1.00
1193—Smock	1.00	.75
1194—Slip	1.00	.75
1195—Apron	1.00	.75
1196—Cotton dress (have on coat hanger)	2.00	1.50
1197—Bed Jacket	1.00	.75
1198—House coat (have on coat hanger)	2.00	1.50

OLDER GIRLS' CLOTHING**(By Girls 14-20 Years)**

Class D	1st	2d
1199—Slip	\$1.00	\$0.75
1200—Gown	1.00	.75
1201—Pajamas (have on coat hanger)	1.50	1.00
1202—Smock (have on coat hanger).....	1.50	1.00
1203—School dress, wash (have on coat hanger).....	2.00	1.50
1204—Best dress, wool (have on coat hanger).....	3.00	2.00
1205—Best dress, silk or rayon (have on coat hanger).....	3.00	2.00
1206—Party dress (have on coat hanger).....	2.50	2.00
1207—Suit, cotton (have on coat hanger).....	2.50	2.00
1208—Suit, wool (have on coat hanger).....	5.00	3.00
1209—Suit, linen (have on coat hanger).....	3.00	2.50
1210—Coat, wool (have on coat hanger).....	5.00	3.00

WOMEN'S CLOTHING**(Cotton)**

Class E	1st	2d
1211—Slip	\$1.00	\$0.75
1212—Apron	1.00	.75
1213—Smock (have on coat hanger).....	1.50	1.00
1214—House Dress (have on coat hanger).....	1.50	1.00
1215—General wear dress (have on coat hanger).....	2.00	1.50
1216—Afternoon dress (have on coat hanger).....	2.50	2.00
1217—Evening dress (have on coat hanger).....	2.50	2.00

WOMEN'S CLOTHING**(Rayon, Silk, or Wool)**

Class F	1st	2d
1218—General wear dress (have on coat hanger).....	\$3.00	\$2.50
1219—Best dress (have on coat hanger).....	3.00	2.50
1220—Suit, wool (have on coat hanger).....	3.00	2.50
1221—Coat, wool (have on coat hanger).....	3.00	2.50

KNITTED CLOTHING

Class G	1st	2d
1222—Suit, cotton (wrapped in cellophane).....	\$2.00	\$1.50
1223—Suit, wool (wrapped in cellophane).....	3.00	2.00
1224—Suit, boucle (wrapped in cellophane).....	3.00	2.00
1225—Coat, wool (wrapped in cellophane).....	3.00	2.50

House Furnishings**RUGS**

Class A	1st	2d	3d
1226—Woven	\$2.00	\$1.00	\$0.75
1227—Braided	2.50	1.00	.75
1228—Hooked	2.00	1.00	.75
1229—Crocheted	2.50	1.00	.75
1230—Hooked chair mat.....	1.25	1.00	.75
1231—Needle point (chair seat).....	2.00	1.00	.75
1232—Needle point (stool)	1.50	1.00	.75

QUILTS

Class B	1st	2d	3d
1233—Cotton patchwork (50 years or over).....	\$2.50	\$1.00	\$1.00
1234—Cotton patchwork	2.00	1.00	.75
1235—Applique	2.00	1.00	.75
1236—Silk and velvet.....	2.00	1.00	.75
1237—Afghan	2.00	1.00	.75

SPREADS

Class C	1st	2d	3d
1238—Tufted	\$2.50	\$1.25	\$0.75
1239—Crocheted	3.00	1.50	.75
1240—Linen and crocheted.....	2.50	1.25	.75
1241—Knitted	3.00	1.50	.75

TABLE AND BED LINENS

Class D	1st	2d
1242—Luncheon set (crocheted).....	\$2.00	\$0.75
1243—Luncheon set (made from feed sacks).....	1.50	.75
1244—Luncheon set (cotton or linen).....	1.00	.75
1245—Table cloths and napkins, hemstitched.....	2.00	.75
1246—Table cloth and napkins, monogrammed or with initials	1.00	.75
1247—Table cloth embroidered and cut work.....	2.00	.75
1248—Tea napkins (6)	1.00	.75
1249—Sheet and pillowcase, embroidered, monogrammed or with initial (white)	1.00	.75
1250—Pair pillowcases, embroidered, monogrammed or with initial .....	.75	.75
1251—Embroidered vanity set .....	.75	.75
1252—Embroidered buffet set.....	.75	.75
1253—Embroidered dresser set.....	.75	.50

TOWELS

Class E	1st	2d
1254—Hemstitched	\$0.75	\$0.50
1255—Monogrammed or with initial.....	.75	.50
1256—Embroidered .....	.75	.50

1940 NATION-WIDE CROCHET CONTEST

To Select

THE NATIONAL CROCHET CHAMPION

And 40 "Ranking Crocheters"

RULES

1. ALL ENTRIES MUST HAVE WON A FIRST PRIZE AT A STATE, COUNTY, OR LOCAL FAIR DURING 1940.
2. All entries must be entirely crocheted of **mercerized crochet cotton**.
3. A contestant may submit as many entries as have fulfilled ALL the entrance requirements.
4. All entries must have been crocheted since January 1, 1939.
5. Designs need not be original, but originality will count.
6. The opinion of the judges must be considered final in all cases. Judgment will be determined by general appearance, beauty of design and workmanship, suitability and taste.

AWARDS

\$1,350 In Cash Prizes

Grand National Prize—\$250.00

(Includes National Prize of \$200.00 Plus a \$50.00 Classification Award)
Plus a Free Trip to New York City or Bermuda

142 Other Cash Awards Include . . .

Ten First Prizes.....	of \$50.00 each
Ten Second Prizes.....	of \$25.00 each
Ten Third Prizes.....	of \$10.00 each
Ten Fourth Prizes	of \$ 5.00 each
100 Honorable Mentions.....	of \$ 1.00 each

Special prize of \$50.00 for best piece of work submitted by a Junior (16 years old or less).

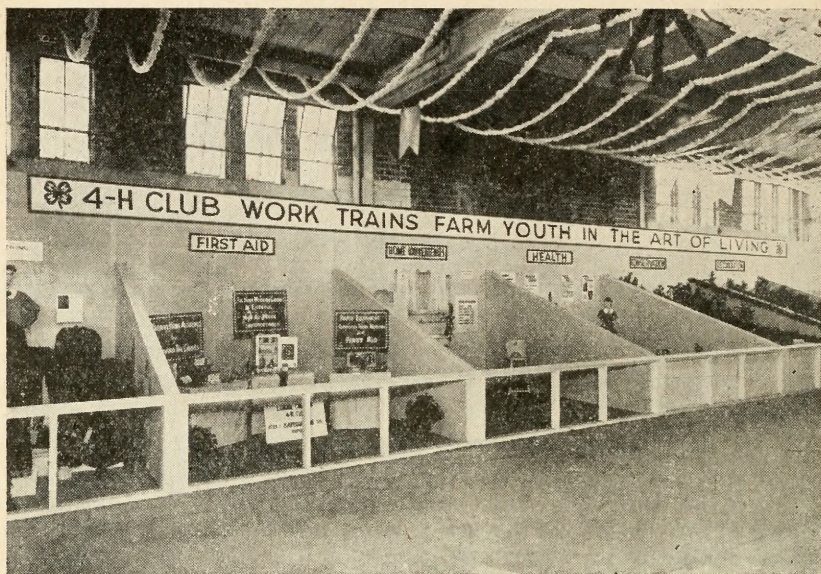
Special prize of \$50.00 for best piece of work submitted by a woman over seventy years old.

Special prize of \$50.00 "for men only."

Each Fair represented by one of the ten national first prize winners will receive a \$50.00 award.

CLASSIFICATIONS

- | | |
|-----------------------|--------------------------|
| 1. Tablecloths | 6. Baby Garments |
| 2. Bedspreads | 7. Household Accessories |
| 3. Luncheon Sets | 8. Fashion Accessories. |
| 4. Doilies or Scarfs | 9. Edgings or Insertions |
| 5. Blouses or Dresses | 10. Chair Sets |



BOYS AND GIRLS 4-H CLUB



Department J

L. R. HARRILL, *Director, State College, Raleigh, N. C.*

MISS FRANCES MACGREGOR, *Assistant Director, State College, Raleigh, N. C.*

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

1. 4-H Seed Judging
2. 4-H Livestock Judging
3. 4-H Exhibits
4. Special Awards

GENERAL RULES

Club members to enter any of the State contests must be actively engaged in 4-H club work during the current year.

Any club member who has had more than six weeks of college work will not be eligible to enter any 4-H judging or demonstration contest.

4-H club members who are college students will not be eligible for any 4-H judging or demonstration contests, but may enter individual exhibits, provided they are in their freshman year.

Entries in this department will be open to 4-H club members only, and must be produced or grown by the club member exhibiting them.

No entry fee will be charged in this department.

4-H club members who exhibit in more than one class of livestock must provide extra leaders for animals in case of conflict in time of judging. For example: If a boy exhibits a pig and a calf, he must secure another person to lead the calf or drive the pig in case both are judged at the same time.

Free admission will be granted to coaches and members of 4-H judging teams.

Where more than one entry in a class is made by an individual or a county, only one premium money will be paid, provided the classification is filled. If not filled, next place money will be paid.

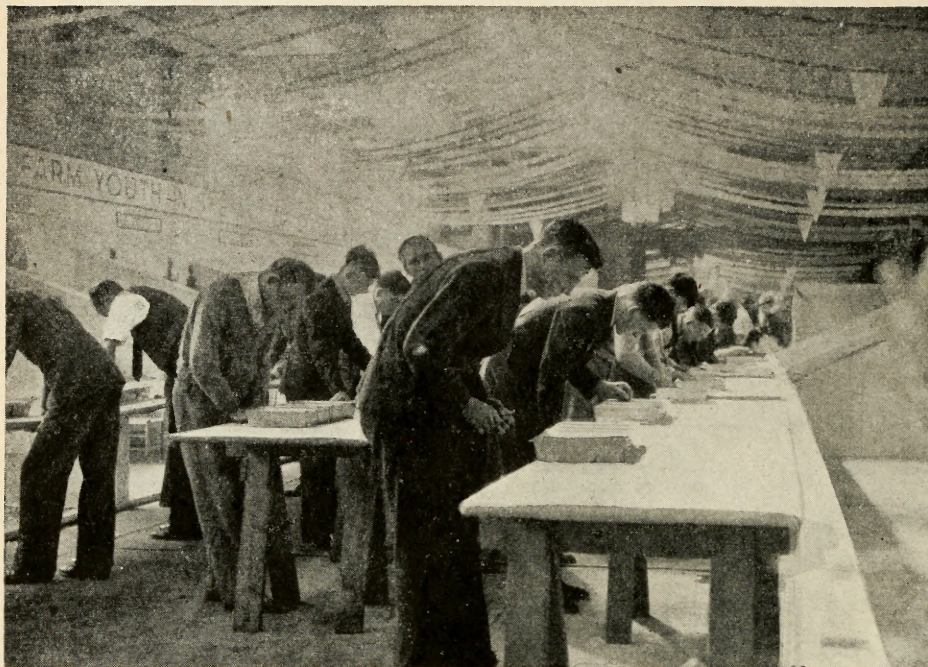
Members of championship teams or sweepstakes individuals in former State Fair judging contests will not be eligible to compete for these awards.

Read Rules Governing Entries, Exhibits and Awards, pages 27 to 39.

SPECIAL EDUCATION EXHIBIT

This display will portray some of the more important phases of the program of 4-H club work as it is conducted in the various counties in North Carolina in the training of farm youth in the art of living and will consist of five booths featuring some specific examples of the program as it is conducted. Exhibits will be scored on the following basis:

1. Educational value	30
2. Attractiveness	25
3. Simplicity	15
4. Practical use	30
	<hr/>
	100
1257—First Prize	\$ 75.00
1258—Second Prize	75.00
1259—Third Prize	75.00
1260—Fourth Prize	75.00
1261—Fifth Prize	75.00
	<hr/>
	\$375.00



4-H SEED JUDGING CONTEST

(PROF. W. H. DARST *in Charge*)

In the seed judging contest each county in the State will be permitted to enter one team, consisting of three members. The members of this team should be required to win the right to represent the county in this contest in the local contests held in the county from which they come.

The contest of seed judging will be held on Friday, October 11, beginning at 10:00 a. m. All contestants entering this contest are requested to meet Professor Cotner in the Main Exhibit Hall at 9:30 a. m.

Each contestant will be required to judge several classes selected from the following kinds of seed: Prolific corn, wheat, rye, oats, soybeans, cowpeas, clover, and grass seeds. Contestants will be scored upon the manner in which they place the exhibits, and will not be required to write the reasons. The sum of the individual scores will make the team score.

CLASS A—TEAM PRIZES

	1st	2d	3d	4th
1262—All classes	\$11.00	\$9.00	\$6.00	Ribbon

CLASS B—CLASS PRIZES

(For Highest Team Score)

	1st	2d	3d
1263—Corn	\$6.00	\$3.00	\$2.00
1264—Small grain	6.00	3.00	2.00
1265—Grasses and legumes	6.00	3.00	2.00

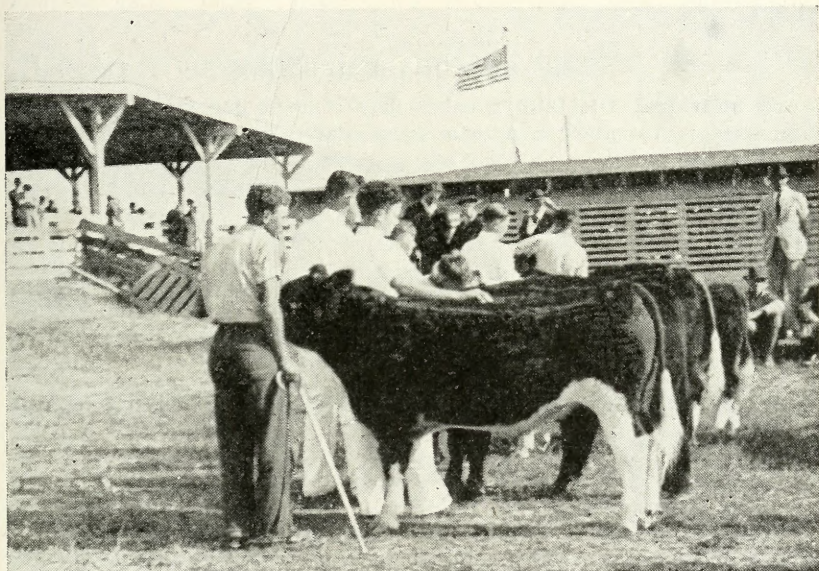
CLASS C—INDIVIDUAL PRIZES FOR CLASS JUDGING

Prizes to be awarded to individuals making high score for judging:

	1st	2d	3d
1266—Corn	\$2.50	\$2.00	Ribbon
1267—Small grain	2.50	2.00	Ribbon
1268—Grasses and legumes.....	2.50	2.00	Ribbon

CLASS D—SWEEPSTAKES—ALL CLASSES—HIGHEST TOTAL SCORE

1269	\$2.00
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**4-H LIVESTOCK JUDGING CONTEST**

(PROF. F. M. HAIG, *in Charge*)

The 4-H Livestock Judging Contest will be held in the Judging Pavilion on Friday, October 11. One team of three members each from each county in North Carolina may compete in the contest. Each contestant will be required to place one class each of the following kinds of livestock: beef cattle, dairy cattle, and swine. Fifteen minutes to place and five minutes to give reasons will be allowed for each class. Reasons for placing to be given orally to the breed judge. All teams entering the contest must register and be ready to start judging promptly at 9:00 a.m. on Friday, October 11.

The following is the score card to be used for each individual contestant:

Placing	75
Reasons	25

100

The sum of the individual scores making the team scores.

CLASS A—TEAM PRIZES

	1st	2d	3d	4th
1270—All classes	\$11.00	\$9.00	\$6.00	Ribbon

CLASS B—CLASS PRIZES

(For Highest Team Score)

	1st	2d	3d	4th
1271—Beef cattle	\$6.00	\$3.00	\$2.00	Ribbon
1272—Dairy cattle	6.00	3.00	2.00	Ribbon
1273—Swine	6.00	3.00	2.00	Ribbon

CLASS C—INDIVIDUAL PRIZES

Any individual 4-H Club member may compete for individual prizes only when represented on a team from his county.

Individual Prizes for Class Judging

Prizes to be awarded to individuals making high score for:

	1st	2d	3d
1274—Beef cattle	\$2.50	\$2.00	Ribbon
1275—Dairy cattle	2.50	2.00	Ribbon
1276—Swine	2.50	2.00	Ribbon

CLASS D—SWEEPSTAKES—ALL CLASSES—HIGHEST TOTAL SCORE

1277—	\$5.00
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4-H POULTRY JUDGING CONTEST(Mr. C. F. HARRIS *in Charge*)

The 4-H Poultry Judging Contest will be held Friday, October 11, at 11:00 o'clock, in the Judging Pavilion at State College. This contest is open to boys and girls who are enrolled in 4-H Club work. One team of three members each from each county in North Carolina may compete in this contest.

Each contestant will be required to place one class of the following varieties of poultry: Barred Plymouth Rocks, Rhode Island Reds, White Wyandottes, and White Leghorns. Twenty minutes will be allowed to place each variety. All teams must meet at 11:00 o'clock, Friday, October 11th, in the Poultry Building, to receive instructions in judging and scoring the birds.

The sum of the individual scores shall constitute the team's score. In case of ties, team making greatest number of hundreds shall win.

CLASS A—TEAM PRIZES

	1st	2d	3d	4th
1278—Team prizes	\$11.00	\$9.00	\$6.00	Ribbon

CLASS B—CLASS PRIZES

	1st	2d	3d	4th
1279—Barred Plymouth Rocks.....	\$4.00	\$2.00	\$1.00	Ribbon
1280—Rhode Island Reds.....	4.00	2.00	1.00	Ribbon
1281—White Wyandottes	4.00	2.00	1.00	Ribbon
1282—White Leghorns	4.00	2.00	1.00	Ribbon

CLASS C—INDIVIDUAL PRIZES

	1st	2d	3d
1283—Barred Plymouths Rocks.....	\$2.00	\$1.00	Ribbon
1284—Rhode Island Reds	2.00	1.00	Ribbon
1285—White Wyandottes	2.00	1.00	Ribbon
1286—White Leghorns	2.00	1.00	Ribbon

CLASS D—SWEEPSTAKES—ALL CLASSES—HIGHEST TOTAL SCORE

1287—	\$5.00
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Individuals cannot compete for prizes if their county is represented by a poultry-judging team. In order to win first prize in either contest, there must be two teams or two individuals competing.

INDIVIDUAL 4-H EXHIBIT

All entries in this department must be made before 6.00 p.m., Saturday, October 5th, excepting entries in the Livestock and Poultry classes.

SHIPPING INSTRUCTIONS

Instructions and rules governing these classes will be found on page 25. All exhibits should be labeled as follows:

From
JOHN DOE
Wilmington, N. C.

To

NORTH CAROLINA STATE FAIR

RALEIGH, N. C.

4-H Club Department
(Corn)

4-H INDIVIDUAL CORN EXHIBITS

Rules governing in this class will be the same as for entries in the open class.

	1st	2d	3d	4th	5th
1288—For ten best ears, single-ear variety (white	\$6.00	\$5.00	\$4.00	\$3.00	\$2.00
1289—For ten best ears prolific variety (white)	6.00	5.00	4.00	3.00	2.00

4-H Individual Corn Exhibits—Continued

	1st	2d	3d	4th	5th
1290—For ten best ears, single-ear variety (yellow)	\$6.00	\$5.00	\$4.00	\$3.00	\$2.00
1291—For ten best ears, prolific variety (yellow)	6.00	5.00	4.00	3.00	2.00
1292—Sweepstakes	Ribbon				

4-H COUNTY CORN EXHIBITS

Every 4-H county corn exhibit must be entered in the name of the county by the county agent or some person duly authorized by him.

The exhibit must be composed of ten 10-ear exhibits grown in the county by ten or more 4-H Club members.

Exhibits shown in this class may be shown in the regular 4-H Club classes, but must be entered in the club member's name.

	1st	2d	3d	4th	5th
1293—For best display of ten 10-ear exhibit of prolific variety (white)	\$15.00	\$10.00	\$5.00	\$3.00	\$3.00
1294—For best display of ten 10-ear exhibit of single variety (white)	15.00	10.00	5.00	3.00	3.00
1295—For best display of ten 10-ear exhibit of prolific variety (yellow)	15.00	10.00	5.00	3.00	3.00
1296—For best display of ten 10-ear exhibit of single variety (yellow)	15.00	10.00	5.00	3.00	3.00
1297—Sweepstakes	Ribbon				

Sweepstakes will compete for Sweepstakes in Open Classes.

SPECIAL SHELLED CORN EXHIBIT

This exhibit is especially designed to show type and quality of shelled corn. Each exhibit will consist of one gallon of shelled corn and one ear of unshelled corn, from which will be taken a cross section of ear. Containers will be furnished by the Fair Association.

1. Purity
2. Freeness from disease
3. Maturity
4. Color
5. Uniformity

	1st	2d	3d	4th	5th
1298—For best exhibit of single variety (white)	\$5.00	\$4.00	\$3.00	\$2.00	\$1.00
1299—For best exhibit of prolific variety (white)	5.00	4.00	3.00	2.00	1.00
1300—For best exhibit of single variety (yellow)	5.00	4.00	3.00	2.00	1.00
1301—For best exhibit of prolific variety (yellow)	5.00	4.00	3.00	2.00	1.00
1302—Sweepstakes	Ribbon				

JUDGING SHELLED SEED CORN

A good sample of shelled corn may be described as having a bright color, uniform, plump, well-shaped kernels. The kernels should be fairly hard (not soft and starchy), free of blisters or discolorations or excess cob chaff at kernel tips. The sample must be pure as to variety as shown by typical color of the kernels and cob chaff, size and shape of kernels.

OFFICIAL SCORE CARDS—INTERNATIONAL—1937 SHELLED CORN—SCORE CARD

Freedom from disease.....	20 points
Plumpness of kernel tips.....	10 points
Freedom from excessive white starch.....	20 points
(Starchiness)	
Condition of germ face.....	15 points
Size and shape of kernels.....	10 points
Freedom from damage.....	10 points
Uniformity	15 points

100 points

Freedom from Disease—Indications of disease are moldiness, yellow or brown staining near kernel tips, lack of luster. A flinty, lustrous appearance is associated with freedom from disease. Dry rot is frequently found in corn.

Plumpness of Kernel Tips—Shrunken kernel tips are considered to indicate immaturity. Mature, well-developed kernels are desirable.

Freedom from Excessive Starchiness—Excessive white starch may be found either at the tip, on the back, or near the crown of the kernel. In general, a starchy condition of the kernel tips is considered to be most objectionable.

Condition of the Germ Face—Refers to freedom from blistering or discoloration. A badly blistered or dark-colored germ face indicates that the germ has probably been injured by freezing.

Size and Shape of Kernels—Under this point distinctly narrow, thin or pointed kernels would be considered objectionable.

Freedom from Damage—Refers to the presence of cracked, broken kernels, or mouse-damaged kernels. Kernels with tip caps broken off are included under this heading.

Uniformity—Uniformity in size and shape and color of kernel indicates freedom from mixtures of varieties or types.



4-H CALF EXHIBITS

(J. A. AREY, *in Charge*)

RULES

Entries in this department must be made on or before October 5th.

The top three calf club calves in each class are eligible to be shown in the open classes.

All calves shown in this department must be registered in the member's name or jointly with the club member and parent. (Starting with the 1939 North Carolina State Fair, all entries are to be registered in the club member's name only.)

County groups may be entered in the name of the county or county agent, but the club member's name must appear on the entry blank.

A county group shall consist of six (6) or more 4-H Club animals, but in no case shall more than two animals from any one county be shown in any one class.

In showing for county group awards, only six animals are to be shown, and at least three separate herds must be represented in this group.

No entry or stall fee will be charged for club calves.

Excepting groups, all animals must be shown in the judging arena by the owner or a bona fide 4-H Calf Club member.

JERSEYS

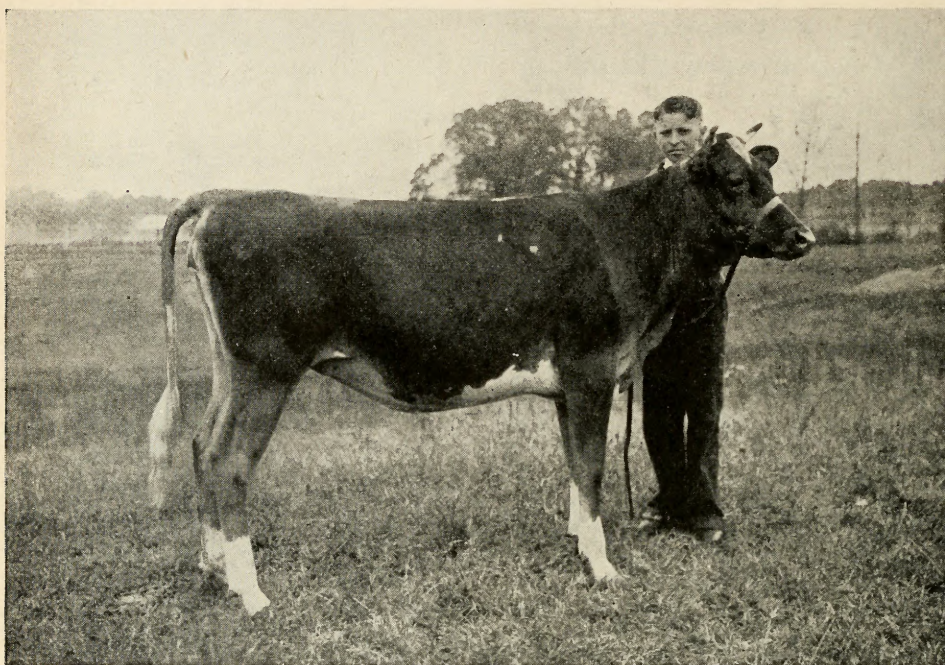
Judging will begin Tuesday, October 8, at 10:00 a.m.

County Groups

	1st	2d	3d	4th	5th	6th	7th	8th
1303—Females, junior calf (dropped Jan. 1, 1939, to June 30, 1939, inclusive)	\$9	\$8	\$7	\$6	\$5	\$4	\$3	\$2
1304—Females, senior calf (dropped July 1, 1938, to Dec. 31, 1938, inclusive)	9	8	7	6	5	4	3	2
1305—Females, junior yearling (dropped Jan. 1, 1938, to June 30, 1938, inclusive)....	11	9	8	7	6	5	4	3
1306—Females, senior yearling (dropped July 1, 1937, to Dec. 31, 1937, inclusive)....	11	9	8	7	6	5	4	3
1307—Females, cow or heifer (dropped July 1, 1936, to June 30, 1937 inclusive).....	11	9	8	7	6	5	4	3
1308—Females, cow (dropped pre- vious to July 1, 1936).....	11	9	8	7	6	5	4	3

County Groups

	1st	2d	3d	4th	5th	6th	7th
1309—County groups.....	\$55	\$50	\$45	\$40	\$35	\$30	\$25
1310—Junior champion							5
1311—Senior champion							5
1312—Grand champion							10



GUERNSEYS

Judging will begin Wednesday, October 9 at 10:00 o'clock a.m.

	1st	2d	3d	4th	5th	6th	7th	8th
1313—Females, junior calf (dropped Jan. 1, 1939, to June 30, 1939, inclusive)	\$9	\$8	\$7	\$6	\$5	\$4	\$3	\$2
1314—Females, senior calf (dropped July 1, 1938, to December 31, 1938, inclusive)	9	8	7	6	5	4	3	2
1315—Females, junior yearling (dropped Jan. 1, 1938, to June 30, 1938, inclusive)....	11	9	8	7	6	5	4	3
1316—Females, senior yearling (dropped July 1, 1936, to Dec. 31, 1937, inclusive).....	11	9	8	7	6	5	4	3
1317—Females, cow or heifer (dropped July 1, 1936, to June 30, 1937 inclusive).....	11	9	8	7	6	5	4	3
1318—Females, cow (dropped previous to July 1, 1936).....	11	9	8	7	6	5	4	3

County Groups

	1st	2d	3d	4th	5th	6th	7th
1319—County groups	\$55	\$50	\$45	\$40	\$35	\$30	\$25
1320—Junior champion							5
1321—Senior champion							5
1322—Grand champion							10

SPECIAL AWARDS

SHOWMANSHIP CONTEST

As a special award, The American Jersey Cattle Club offers gold, silver, and bronze medals for the club member making the highest score in the Showmanship contest.

1st	2d	3d
Gold Medal	Silver Medal	Bronze Medal

JUDGING JERSEYS

As a special award, The American Jersey Cattle Club offers gold, silver, and bronze medals for the club members making the highest score in judging Jerseys.

1st	2d	3d
Gold Medal	Silver Medal	Bronze Medal

FOR BEST ANIMAL

As a special award, The American Jersey Cattle Club offers gold, silver, and bronze medals for the club members showing the best Jersey animals (fittings to be considered).

1st	2d	3d
Gold Medal	Silver Medal	Bronze Medal

THE QUAIL ROOST CUP

As a special award for outstanding Guernsey Calf Club work, "The Quail Roost Cup," given by Mr. George Watts Hill, will be awarded to the North Carolina Club member making the best record during 1940. The award will be made according to the following score card:

Type and condition of animal.....	50 points
4-H record as shown by club member's record book	35 points
Showmanship	15 points
Total	100 points

The winner's name and the year will be engraved on the cup. The cup will remain in the State office.

SPECIAL NORTH CAROLINA COTTONSEED PRODUCTS ASSOCIATION SCHOLARSHIP

The North Carolina Cottonseed Products Association offers as a special award two one-year scholarships in agriculture (valued at \$80.00 each) at the North Carolina State College, to the 4-H Club member making the best record in livestock club work and exhibiting at the North Carolina State Fair.

Rules and Regulations

1. Any duly enrolled 4-H Club member in North Carolina is eligible to compete for the award.

2. Club members must submit evidence as to ownership of animal or animals.

3. Club member must keep an accurate record showing the initial weight, kind and amount of feed, cost value of feed, cost and value of animals, weight and sale price or value of animals at termination of contest.

4. Rules and instruction as given in the regular project outline for this project will apply to this contest.

5. In the event the winner is unable to use the scholarship, it will revert to the 4-H Scholarship Fund.

Selection of the winner and the awarding of the scholarship will be made under the supervision of the 4-H Club Department of the North Carolina State College, Raleigh, N. C.

Basis of Award

1. Project record	25 points
2. Participation in club activities.....	25 points
3. Conformation and conditioning of animal	25 points
4. Showmanship and prizes won.....	25 points
	<hr/>
	100 points



4-H BABY BEEF EXHIBIT

Judging Wednesday p.m., following Sheep.

(L. I. CASE, *in Charge*)

Judge: PROFESSOR FRED H. LEINBACH, *University of Maryland*

RULES

Steers placing first to fifth in each class are eligible to show in the corresponding open classes.

Exhibitors in the following classes must have personally fed and cared for the stock entered the major part of the time, for at least five months prior to the date of the show.

Not more than two entries allowed to the exhibitor in each class.

County groups may be entered in the name of the county or county agent.

Excepting in the groups, all animals must be shown by the owner or a bona fide 4-H Baby Beef Club member.

All entries must be without horns.

No animals calved prior to January 1, 1939, will be eligible to compete in the following classes.

No exhibitor will receive assistance in the showing of his or her steer.

Determination of Class Entries: All animals will be weighed prior to exhibiting, and the one-third that are lightest will be shown in the Light-weight Class, the one-third that are heaviest will be shown in the Heavy-weight Class, and the remaining one-third in the Medium-weight Class.

LIGHT-WEIGHT FAT STEERS

1323—First prize	\$12.00
1324—Second prize	12.00
1325—Third prize	12.00
1326—Fourth prize	10.00
1327—Fifth prize	10.00
1328—Sixth prize	10.00
1329—Seventh prize	8.00
1330—Eighth prize	8.00
1331—Ninth prize	6.00
1332—Tenth prize	6.00
1333—Eleventh prize	
1334—Twelfth prize	
1335—Thirteenth prize	
1336—Fourteenth prize	
1337—Fifteenth prize	
1338—Sixteenth prize	
1339—Seventeenth prize	
1340—Eighteenth prize	
1341—Nineteenth prize	
1342—Twentieth prize	

Steers placing from eleventh to twentieth place and grading CHOICE or PRIME will be awarded a premium of \$5.00. Those grading GOOD will receive \$3.00.

MEDIUM-WEIGHT FAT STEERS

1343—First prize	\$12.00
1344—Second prize	12.00
1345—Third prize	12.00
1346—Fourth prize	10.00
1347—Fifth prize	10.00
1348—Sixth prize	10.00
1349—Seventh prize	8.00
1350—Eighth prize	8.00
1351—Ninth prize	6.00
1352—Tenth prize	6.00
1353—Eleventh prize	
1354—Twelfth prize	
1355—Thirteenth prize	
1356—Fourteenth prize	
1357—Fifteenth prize	
1358—Sixteenth prize	
1359—Seventeenth prize	
1360—Eighteenth prize	
1361—Nineteenth prize	
1362—Twentieth prize	

Steers placing from eleventh to twentieth place and grading CHOICE or PRIME will be awarded a premium of \$5.00. Those grading GOOD will receive \$3.00.

HEAVY-WEIGHT FAT STEERS

1363—First prize	\$12.00
1364—Second prize	12.00
1365—Third prize	12.00
1366—Fourth prize	10.00
1367—Fifth prize	10.00
1368—Sixth prize	10.00
1369—Seventh prize	8.00
1370—Eighth prize	8.00

Heavy Weight Fat Steers—Continued

1371—Ninth prize	\$ 6.00
1372—Tenth prize	6.00
1373—Eleventh prize	
1374—Twelfth prize	
1375—Thirteenth prize	
1376—Fourteenth prize	
1377—Fifteenth prize	
1378—Sixteenth prize	
1379—Seventeenth prize	
1380—Eighteenth prize	
1381—Nineteenth prize	
1382—Twentieth prize	

Steers placing from eleventh to twentieth place and grading CHOICE or PRIME will be awarded a premium of \$5.00. Those grading GOOD will receive \$3.00.

COUNTY GROUPS OF THREE STEERS

Only one entry allowed for each county unless the classes are not filled, in which case two entries may be made from each county. Second county group entries will compete only for premiums not claimed by first county group entries.

1383—First prize	\$40.00
1384—Second prize	35.00
1385—Third prize	30.00
1386—Fourth prize	25.00
1387—Fifth prize	25.00
1388—Sixth prize	25.00
1389—Seventh prize	20.00
1390—Eighth prize	20.00
1391—Ninth prize	20.00
1392—Tenth prize	20.00

The North Carolina Hereford Cattle Breeders Association offers the following premiums:

County groups of three Hereford Steers:

First prize	\$50.00
Second prize	25.00
Third prize	15.00
Fourth prize	10.00

GET OF SIRE

Entries in this class shall consist of three fat steers, bred and fed in the county from which they are shown, and the get of a registered bull of one of the beef breeds. Name and registration number of the bull must be furnished.

1393—First prize	\$20.00
1394—Second prize	15.00
1395—Third prize	10.00
1396—Fourth prize	5.00

FEEDER CALVES

1397—First prize	\$10.00
1398—Second prize	10.00
1399—Third prize	8.00
1400—Fourth prize	8.00
1401—Fifth prize	8.00
1402—Sixth prize	6.00
1403—Seventh prize	6.00
1404—Eighth prize	6.00
1405—Ninth prize	5.00

1406—Tenth prize	5.00
1407—Eleventh prize	4.00
1408—Twelfth prize	4.00
1409—Thirteenth prize	3.00
1410—Fourteenth prize	3.00
1411—Fifteenth prize	2.00
1412—Sixteenth prize	2.00
1413—Seventeenth prize	2.00
1414—Eighteenth prize	2.00
1415—Nineteenth prize	2.00
1416—Twentieth prize	2.00

SHOWMANSHIP (For 4-H Club Members Only)

First prize—Leather halter, Scotch comb, and brush.

Second prize—Leather halter.

Third prize—Scotch comb and brush.

SPECIAL 4-H CLUB BABY BEEF PREMIUMS

In addition to the premiums offered by the State Fair the national beef cattle registry associations make the following offers:

The American Hereford Association, Kansas City, Mo., will add 25 per cent to whatever premiums are won by Hereford steers owned and exhibited by 4-H Club members in individual classes where the premium amounts to \$4.00 or more.

The American Shorthorn Breeders Association, Chicago, Ill., will add 25 per cent to any money prizes which may be won by Shorthorn steers owned and exhibited by 4-H Club members.

The American Aberdeen-Angus Breeders Association, Chicago, Ill., will add 25 per cent to whatever premiums are won by Aberdeen-Angus steers owned and exhibited by 4-H Club members in the individual classes.

The Tennessee Coal, Iron and Railroad Company, Birmingham, Ala., which desires to assist in the promotion of the Southern livestock industry, offers the following special award: One 20-rod roll of American fence to the owner of the bull siring the first-prize get-of-sire in class.

FAT-STEER SALE

Friday, October 11, 1940, 1:00 P.M.

Sales Managers: L. I. CASE and J. E. FOSTER

1. An auction sale of steers shown in both the 4-H and open classes will be held at time shown above.

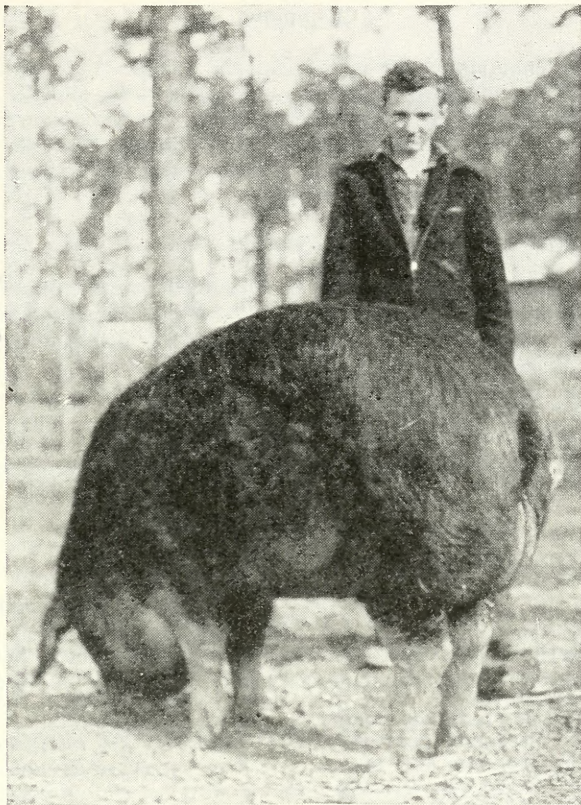
2. Sale will be held in judging arena.

3. Buyers are requested to make themselves known to the clerk prior to the opening of the sale.

4. All animals sold in the sale will be fed and cared for until the close of the Fair, free of charge, but will be at purchaser's risk as soon as sold.

5. Each purchaser will make draft to the North Carolina State Fair (or someone designated by the manager of the Fair) for full amount of his bid on all animals purchased by him. The right is reserved to ask for bank guarantee on any draft presented.

6. Checks will be mailed to each seller after all drafts are cleared. In case of any sale expense, each seller will be charged his pro rata share, and this amount will be deducted from payment checks.



4-H PIG CLUB EXHIBIT

Judging begins Tuesday, 1:00 P.M.

1. Competition open only to North Carolina 4-H Club members.
2. Registration of pigs not required.
3. Exhibitor must be able to establish proof that the animal shown is his. The 4-H record book may be offered as proof.
4. Animals exhibited by 4-H Club members may compete in open classes without payment of fees, but will be subject to other rules in Department F, and to general rules.

POLAND CHINA AND SPOTTED POLAND CHINA

Amount Offered on This class.....\$60.00

Class A	1st	2d	3d	4th	5th
1417—Senior boar pig.....	\$5.00	\$4.00	\$3.00	\$2.00	\$1.00
1418—Junior boar pig.....	5.00	4.00	3.00	2.00	1.00
1419—Senior sow pig.....	5.00	4.00	3.00	2.00	1.00
1420—Junior sow pig.....	5.00	4.00	3.00	2.00	1.00

Champions**Class A**

1421—Senior champion boar pig.....	Ribbon
1422—Junior champion boar pig.....	Ribbon
1423—Senior champion sow pig.....	Ribbon
1424—Junior champion sow pig.....	Ribbon

DUROC

Amount Offered on This Class.....\$60.00

Class B	1st	2d	3d	4th	5th
1425—Senior boar pig.....	\$5.00	\$4.00	\$3.00	\$2.00	\$1.00
1426—Junior boar pig.....	5.00	4.00	3.00	2.00	1.00
1427—Senior sow pig.....	5.00	4.00	3.00	2.00	1.00
1428—Junior sow pig.....	5.00	4.00	3.00	2.00	1.00
1429—Senior champion boar pig.....					Ribbon
1430—Junior champion boar pig.....					Ribbon
1431—Senior champion sow pig.....					Ribbon
1432—Junior champion sow pig.....					Ribbon

HAMPSHIRE AND BERKSHIRE

Amount Offered on This Class.....\$60.00

Class C	1st	2d	3d	4th	5th
1433—Senior boar pig.....	\$5.00	\$4.00	\$3.00	\$2.00	\$1.00
1434—Junior boar pig.....	5.00	4.00	3.00	2.00	1.00
1435—Senior sow pig.....	5.00	4.00	3.00	2.00	1.00
1436—Junior sow pig.....	5.00	4.00	3.00	2.00	1.00
1437—Senior champion boar pig.....					Ribbon
1438—Junior champion boar pig.....					Ribbon
1439—Senior champion sow pig.....					Ribbon
1440—Junior champion sow pig.....					Ribbon

BARROW SHOW

Amount Offered on This Class.....\$92.00

Rules and regulations are the same as for Department F.

Class D	1st	2d	3d	4th	5th
1441—Single barrows, under 220 pounds	\$5.00	\$4.00	\$3.00	\$2.00	\$1.00
1442—Single barrows, over 220 lbs....	5.00	4.00	3.00	2.00	1.00
1443—Pen 3 barrows, under 220 lbs.	8.00	6.00	5.00	4.00	3.00
1444—Pen 3 barrows, over 220 lbs....	8.00	6.00	5.00	4.00	3.00
1445—Champion barrow					5.00
1446—Champion pen barrows.....					5.00

SPECIAL

The O.I.C. Swine Breeders' Association of Goshen, Indiana, will pay the following cash prizes for 4-H Club members showing O.I.C. gilts that are registered in the O.I.C. Swine Breeders' Association:

1st	2nd	3rd	4th	5th	6th	7th
\$10.00	\$7.00	\$5.00	\$3.00	\$2.00	\$2.00	\$1.00

SPECIAL

The Chester White Swine Record Association of Rochester, Indiana, will give any 4-H Pig Club member a \$5.00 membership in the association provided the pig winning is recorded in the above association, in the name of the club member. For further information, write Mr. L. P. Moore, Secretary, Rochester, Indiana.

SPECIAL

In the Junior Livestock Division of the 1940 North Carolina State Fair, the United Duroc Record Association (B. R. Evans, Sec'y.), Peoria, Ill., will offer the following special premiums:

Purebred Duroc Gilt Class:

Five Dollars cash to be awarded as follows with the provision that, to be eligible for these premiums, a gilt must be recorded in the United Duroc Record Association.

1st	2nd	3rd	4th
\$2.00	\$1.00	\$1.00	\$1.00

Market Barrow Show

Seven Dollars and Fifty Cents cash to the owner of the grand champion barrow over all breeds and crossbreeds, providing this barrow is from a recorded Duroc sire and dam, and that the owner furnish this association with a good photograph of and story about this barrow.

Also, a gold-plated medal to the owner of the champion Duroc barrow, providing this barrow is from a recorded sire and dam.

These awards will be paid directly to the winners by the United Duroc Record Association. All applications for awards must be received within 60 days after closing date of this Fair, and must include name and registry number of gilts and name and registry numbers of sire and dam of barrows.

SPECIAL

In the Junior Department the Hampshire Swine Registry, 915-917 Commercial Bank Building, Peoria, Illinois offers a gold medal for the grand champion barrow over all breeds, provided this is a Hampshire whose sire and dam are recorded in Hampshire Swine Registry.

Hampshire Swine Registry, 915-917 Commercial Bank Building, Peoria, Illinois, offers a gold medal for the grand champion pen of barrows over all breeds provided these are Hampshires whose sires and dams are recorded in Hampshire Swine Registry.

Hampshire Swine Registry, 915-917 Commercial Bank Building, Peoria, Illinois, offers a special stockman's knife for the first prize winner in each class of the Hampshire Barrow Show.

4-H POULTRY CLUB SHOW

(J. W. HENDRICKS, *in Charge*)

Shipments of birds should be made to State Fair Grounds, Raleigh, N. C. All the rules that apply to regular exhibitors and exhibits will apply to this department, with the exception that no entry fees for birds exhibited by members of the Boys' and Girls' 4-H Clubs will be charged.

Entries in this department will close Wednesday, October 2, 1940 at 6:00 p. m.

Entries in all departments must be made on the printed form provided by the Secretary for that purpose, and must be in full compliance with the printed instructions on same. Exhibitors should study the list carefully, and when decision has been made in which class to enter, should fill out the entry blank with Book Number, Premium List Number, and Name as they appear in the premium book. Do not send in your birds for exhibit without first having had them entered.

Note the above date for the closing of entries in this department.

Positively no entries will be accepted at the Fair.

All specimens will be judged according to the revised edition of the American Standard of Perfection. Any specimen not worthy will not be awarded any premium. Prizes will be awarded to varieties as given below.

Two entries are required to fill a class; if one entry is received, second premium will be paid.

PRIZES

	1st	2d
Cock	\$2.00	\$1.00
Hen	2.00	1.00
Cockerel	2.00	1.00
Pullet	2.00	1.00

BOOK 1—AMERICAN CLASS

	Cock	Hen	Ckl.	Pullet
Barred Plymouth Rock (dark).....	1447	1448	1449	1450
Barred Plymouth Rock (light).....	1451	1452	1453	1454
White Plymouth Rock.....	1455	1456	1457	1458
Buff Plymouth Rock.....	1459	1460	1461	1462
Partridge Plymouth Rock	1463	1464	1465	1466
Silver Wyandotte	1467	1468	1469	1470
Golden Wyandotte	1471	1472	1473	1474
White Wyandotte	1475	1476	1477	1478
Partridge Wyandotte	1479	1480	1481	1482
Buff Wyandotte	1483	1484	1485	1486
Single-comb Rhode Island Red.....	1487	1488	1489	1490
Jersey Black Giant.....	1491	1492	1493	1494
New Hampshire	1495	1496	1497	1498

BOOK 2—ASIATIC CLASS

	Cock	Hen	Ckl.	Pullet
Black Langshan	1499	1500	1501	1502
Light Brahma	1503	1504	1505	1506
Dark Brahma	1507	1508	1509	1510
Partridge Cochins	1511	1512	1513	1514
Buff Cochins	1515	1516	1517	1518

BOOK 3—MEDITERRANEAN CLASS

	Cock	Hen	Ckl.	Pullet
Single-comb White Leghorn.....	1519	1520	1521	1522
Rose-comb White Leghorn.....	1523	1524	1525	1526
Single-comb Dark Brown Leghorn.....	1527	1528	1529	1530
Single-comb Light Brown Leghorn.....	1531	1532	1533	1534
Single-comb Black Leghorn.....	1535	1536	1537	1538
Single-comb Buff Leghorn.....	1539	1540	1541	1542
Single-comb Silver Leghorn.....	1543	1544	1545	1546
Single-comb White Minorac.....	1547	1548	1549	1550
Single-comb Black Minorca.....	1551	1552	1553	1554
Single-comb Ancona	1555	1556	1557	1558
Rose-comb Ancona	1559	1560	1561	1562
Buttercup	1563	1564	1565	1566

BOOK 4—ENGLISH CLASS

Single-comb White Orpington.....	1567	1568	1569	1570
Single-comb Buff Orpington.....	1571	1572	1573	1574
Dark Cornish	1575	1576	1577	1578
White Laced Red Cornish	1579	1580	1581	1582
White Cornish	1583	1584	1585	1586
Speckled Sussex	1587	1588	1589	1590
Silver Gray Dorking.....	1591	1592	1593	1594
Australorps	1595	1596	1597	1598

SWEEPSTAKES

1599—Best bird in show raised by a bona fide 4-H Club member.....\$5.00

4-H CLUB PRIZES

Prizes will be awarded county scoring the most points. First prize to count two points, second prize to count one point. Where only one club is competing, first prize may be awarded, but second premium will be paid. In case of ties, the club winning the most firsts will be awarded first prize.

	1st	2d	3d
1600	\$20.00	\$10.00	\$5.00

1601—FOODS AND NUTRITION**THE WELL-PLANNED MEAL FROM THE 4-H CLUB GIRL'S
CANNED FOOD SUPPLY**

Ten exhibits from the State will be shown in this class, two from each Home Demonstration District. The exhibitors must have been selected within the county that they represent in such a manner as to give every club girl within the county an opportunity to participate.

The exhibit shall consist of:

1. Five jars of food canned by a 4-H Club girl. It may consist of fruits, vegetables, preserves, juices, meats, pickles, or relishes, or other foods suitable to use for an emergency meal—dinner or supper.

2. A complete menu for the meal in which the five jars of food exhibited are used. For this menu bread and butter, potatoes or rice, a raw leafy vegetable and a beverage may be listed to supplement the food exhibited.

These exhibits shall be put on by club girls who have knowledge of meal planning.

\$59.00 will be offered in prizes.

Awards will be made on the basis of the group plan of judging. Each **Excellent** exhibit will receive a blue ribbon and a cash premium of from \$5.00 to \$10; each **Good** exhibit will receive a red ribbon and a cash premium of from \$2.00 to \$5.00; and each **Creditable** exhibit will receive a white ribbon and a cash award of from \$1.00 to \$3.00.

Exhibits placed in a lower group will receive no award.

(The exact amount of awards in any group will depend upon the number of exhibitors qualifying for that group).

Counties participating this year are: Mecklenburg, Stanly, Northampton, Washington, Vance, Wake, Haywood, Avery, Cumberland, and Hoke.

Number club girls enrolled in food projects: 12,940.

1602—CLOTHING**THE COMPLETE COSTUME**

Ten exhibits from the State will be shown in this class, two from each Home Demonstration District. The exhibitors must have been selected within the county that they represent in such a manner as to give every club girl within that county an opportunity to participate.

This exhibit shall consist of:

1. All articles of clothing that a girl wears at one time, including dress, shoes, brassiere, slip, panties or bloomers, hose, corselette or girdle if worn, hat and other accessories. The dress and slip must have been made by the girl. Shoes, hose, brassiere, girdle, panties, and accessories must have been made or selected by the exhibitor.

2. The following information must accompany the exhibit:

(a) A statement of the purpose of the costume.

(b) Picture of the girl wearing complete costume, 3" x 5".

- (c) An itemized cost statement of the costume, with cost of each item listed separately.
 - (d) A statement of the girl's age, height, weight, type, build, complexion, hair, eyes.
3. The complete costume may be chosen for school, sports, best wear or party. Be sure to label class.

\$115.00 will be offered in prizes.

Awards will be made on the basis of the group plan of judging. Each **Excellent** exhibit will receive a blue ribbon and a cash premium of from \$10.00 to \$20, depending upon the number of exhibits qualifying in this group; Each **Good** exhibit will receive a red ribbon and a cash award of from \$5.00 to \$10.00; and, each **Creditable** exhibit will receive a white ribbon and a cash award of from \$3.00 to \$5.00.

Exhibits placed in a lower group will receive no award.

The exact amount of the awards will be determined by the number of exhibits qualifying for each group.

Counties participating in this class will be selected at the State Dress Revue on October 4th.

Number enrolled in Clothing. 12,853.

1603—ROOM IMPROVEMENT

ONE UNIT OF FURNITURE FINISHED OR REFINISHED, AND ASSEMBLED BY A CLUB GIRL

Ten exhibits from the State will be shown in this class, two from each Home Demonstration District. The exhibits must have been selected within the county that they represent in such a manner as to give every club girl within the county an opportunity to participate.

The exhibit shall consist of:

1. A dressing, reading, writing or bed unit, from the room, and shall include not less than five articles.
2. The exhibit shall be the work of a 4-H Club member enrolled in a Room Improvement Project during 1939-40.
3. The exhibit shall be accompanied by a note book which shall include the following items:
 - (a) Photograph or diagram of the room before and after the improvement has been made.
 - (b) A floor plan showing openings and arrangement of furniture and one showing the arrangement of pictures and furniture for each wall.
 - (c) A color scheme of the room, including color and kind of wood-work, wall covering, floor covering, and type of furniture.
 - (d) Explanatory story of the work done in improving the room.
 - (e) Name and age of exhibitor.
 - (f) An itemized cost of the unit alone.

\$115.00 will be offered in prizes.

Awards will be made on the basis of the group plan of judging. Each **Excellent** exhibit will receive a blue ribbon and a cash premium of from \$10.00 to \$20.00; each **Good** exhibit will receive a red ribbon and a cash premium of from \$5.00 to \$10.00; and each **Creditable** exhibit shall receive a white ribbon and a cash award of from \$3.00 to \$5.00. The exact amount of awards in each group will be determined by the number of exhibits qualifying for each class.

Counties participating this year are: Craven, Lenoir, Swain, Watauga, Granville, Guilford, Lee, Union, Beaufort, and Wilson.

1604—WINDOW TREATMENT FROM A CLUB GIRL'S ROOM IMPROVEMENT PROJECT

Ten exhibits from the State will be shown in this class, two from each Home Demonstration District. The exhibitors must have been selected within the county that they represent in such a manner as to give every club girl within that county an opportunity to participate.

The exhibit shall consist of:

1. The actual window treatment of a 4-H Club girl's own bedroom.
2. The exhibitor should have been enrolled in a 4-H room improvement project in 1939-40.
3. The exhibit shall be accompanied by one chart, size 11x4" showing colors involved either through actual samples of material, or paint of the same color, including color and kind of woodwork, wall covering, floor covering, and type of furniture.
4. The exhibit will be exhibited on a wall space approximately 2½x5 feet (a standard window).
5. Shall be accompanied by a statement of the treatment of one window only.

\$59.00 will be offered in prizes.

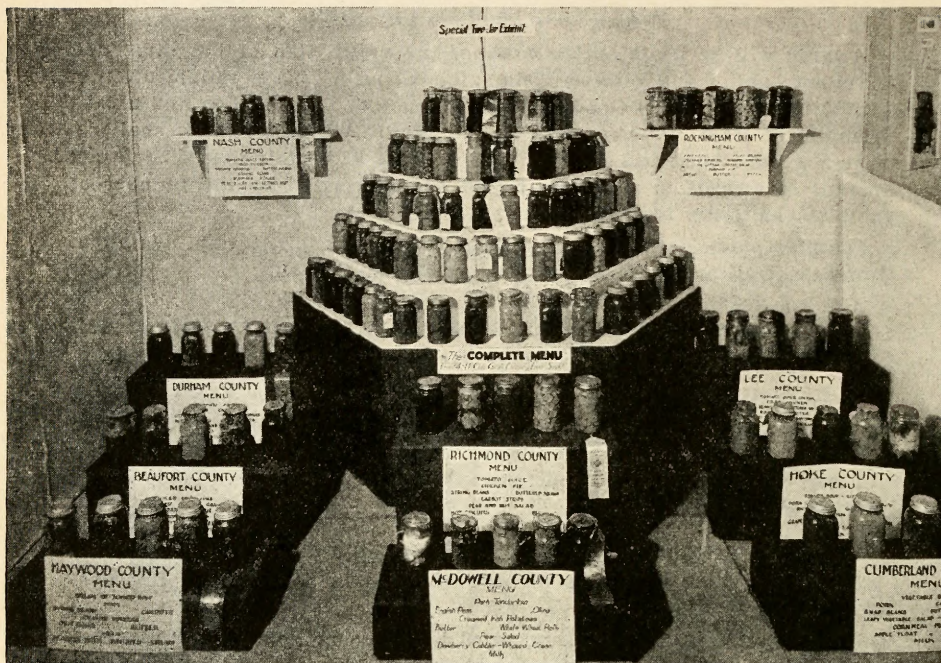
Awards will be made on the basis of the group plan of judging.

Each **Excellent** exhibit will receive a blue ribbon and a cash premium of from \$5.00 to \$10.00; each **Good** exhibit will receive a red ribbon and a cash award of from \$2.00 to \$5.00; and each **Creditable** exhibit shall receive a white ribbon and a cash award of from \$1.00 to \$3.00.

The exact amount of the awards in each group will be determined by the number of exhibits qualifying for each group.

Counties participating this year are: Camden, Nash, Montgomery, Anson, Alamance, Davidson, Cherokee, Macon, Jones and Brunswick.

Number club girls enrolled in room improvement projects: 3,605.



SPECIAL 4-H CANNING CONTEST

MRS. CORNELIA C. MORRIS

Extension Economist in Food Conservation and Marketing, Director

STATE CANNING CONTEST RULES FOR 4-H CLUB GIRLS

(Prizes Offered by Ball Brothers Company, Muncie, Indiana)

Exhibit Requirements—Any girl enrolled in 4-H Club work may enter the county contest by exhibiting two quart jars—one fruit and one vegetable.

Any make of jar may be used provided that it is made for home canning and has the manufacturer's name on it. Containers that are not made for home canning are not inspected for hermetic seal.

The two jars winning first place in the county contest will be sent to the State contest which will be held at the North Carolina State Fair, Raleigh, North Carolina. Prizes will be awarded as follows:

First prize	\$20.00
Second prize	15.00
Third prize	10.00
Fourth prize	10.00
Fifth prize	5.00
Sixth prize	5.00
Seventh prize	5.00
Eighth prize	5.00

The home demonstration agent will send a report with the exhibit showing:

1. The names and addresses, in their order, of those winning first, second, and third places in the county contest.
2. Number of exhibitors in County Contest.
3. Number of jars exhibited in County Contest.
4. Number of Ball jars exhibited in County Contest.

(For shipping directions see 1940 State Fair Premium Book.)

BEES AND HONEY



Department K

C. H. BRANNON, *Director, State Department of Agriculture, Raleigh, N. C.*
C. L. SAMS, P. G. CRADDOCK, *Associate Directors*

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

Entries limited to North Carolina.

This exhibit will be shown in the General Exhibit Building. Comb honey and all other exhibits should be packed with special care according to express regulations, so as to arrive in good, clean condition. They should be sent by express, charges prepaid, to the North Carolina State Fair, Raleigh, N. C., marked "Bees and Honey."

Live bees and queens must be displayed in one-frame observation hives. All honey displayed must have been produced by the exhibitors during the current season.

All exhibits must be of a required color, quality and condition as listed, in order to receive premiums and prizes, and no premium will be given to any one entry through a lack of competition, if the article is of inferior quality.

No exhibitor will be allowed to discuss exhibits with the judges prior to the judging or while the judges are at work.

Read Rules Governing Entries, Exhibits and Awards, pages 27 to 39.

Entries close October 9th at 6:00 p.m.

All inquiries concerning this exhibit should be addressed to the director in charge.

Class A

	1st	2d
1605—Display of comb honey, not less than 24 sections; appearance, quality, and condition for market to govern	\$5.00	\$3.00
1606—Display of comb honey, not less than 75 sections; quality, general appearance and condition for market to govern	8.00	4.50
1607—Display of 24 jars of white bulk comb honey, not less than 14-ounce size; quality, appearance, and condition for market to govern.....	5.00	3.00
1608—Display of 24 jars of light amber bulk comb honey, not less than 14-ounce size; quality, appearance, and condition for market to govern.....	5.00	3.00

Class A—Continued	1st	2d
1609—Display of 24 jars of amber bulk comb honey, not less than 14-ounce size; quality, appearance, and condition for market to govern.....	\$5.00	\$3.00
1610—Display of bulk comb honey, not less than 300 pounds; quality, general appearance, and condition for market to govern	8.50	6.00
1611—Display of 24 jars of white extracted honey, not less than 14-ounce size; quality, appearance, and condition for market to govern.....	3.00	2.00
1612—Display of 24 jars of light amber extracted honey, not less than 14-ounce size; quality, appearance, and condition for market to govern.....	3.00	2.00
1613—Display of 24 jars of amber extracted honey; not less than 14-ounce size; quality, appearance, and condition for market to govern.....	3.00	2.00
1614—Display of extracted honey, not less than 300 pounds; quality, general appearance and condition for market to govern	8.50	6.00
1615—Display of beeswax, not less than 10 pounds; quality, quantity, appearance, and condition for market to govern	2.50	1.50
1616—Observation hive of leather-colored or three banded Italian bees and queen.....	5.00	3.00
1617—Display of Food Products made with honey.....	4.50	2.50

Sweepstakes

1618—Display of apiary products, may include all other entries; quality, quantity, general appearance of exhibit, and condition for market to govern.....	\$17.50	\$12.50
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EDUCATIONAL DEPARTMENT



Department L

CLYDE A. ERWIN, *Director*

A. B. COMBS, E. N. PEELER, JOHN C. LOCKHART, C. F. GADDY, HORACE GRIGG,
S. MARION JUSTICE, *Associate Directors*

The exhibits in this department will be supplementary to those of the Vocational Department and will portray some of the phases of the activities of the children in the elementary and high schools of the State in other than vocational fields.

Competition in this department is open to any county or city school system in the State in so far as available space will permit.

All exhibits must be in place by Monday night of Fair Week to compete for prizes. Rules governing exhibits are given below.

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th. will find their entry tags made and ready for them upon arrival.

Eight booths representing actual school work and school activities featuring from an educational standpoint the teaching of a definite phase of the school program. The following score card will be used for these exhibits:

1. Educational Value	45 points
2. Attractiveness	30 points
3. Simplicity and Unity	25 points
Total	100 points

PREMIUMS

1619—First prize	\$75.00
Second prize	65.00
Third prize	60.00
Fourth prize	50.00
Fifth prize	50.00
Sixth prize	50.00
Seventh prize	50.00
Eighth prize	50.00

RULES GOVERNING EXHIBITS

1. Any county or city administrative unit may submit one application. The exhibit may represent the work of one or more schools in the administrative unit.

2. The exhibit should be the outcome of actual school or classroom activities and must be built around some central, unifying theme. For example, the exhibit might be the outcome of school and community programs in health, safety, music, art, physical education, reading, science or other subject fields. Or the exhibit might represent a unit of work from a classroom. Miscellaneous collections of school work will not be acceptable. The exhibit may represent the work of one or more grades or the school as a whole, provided there is a unifying element.

3. Applications will be considered in the order received but the committee in charge of applications reserves the right to reject any application received in order that the different phases of school work may be exhibited, due notice of rejection or acceptance of the application to be sent the applicant.

4. Counties and cities desiring to submit winning exhibits of local fairs may make a blanket application, the name of the school to be supplied not later than October 4.

5. Schools accepted by the committee will be furnished the necessary additional information and a diagram giving dimensions of the exhibition booths.

6. Applications should be filed not later than September 15, on blanks furnished by S. Marion Justice, Occupational Information and Guidance Service, State Department of Public Instruction, Raleigh, N. C.

VOCATIONAL EDUCATION



Department M

ROY H. THOMAS, *Director*
 MISS CATHERINE DENNIS, *Director*
 GEORGE W. COGGIN, *Director*
 C. J. WARREN, *Director*

VOCATIONAL AGRICULTURE

ROY H. THOMAS, *Director*
 A. L. TEACHEY, *Assistant Director*

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

The display by this department will portray the Future Farmers of America activities. The center of the exhibit will be featured by a display to represent the activities of the State Association. Four individual booths on either side of this central booth will show the individual home work program of eight students of vocational agriculture.

The following score card will be used:

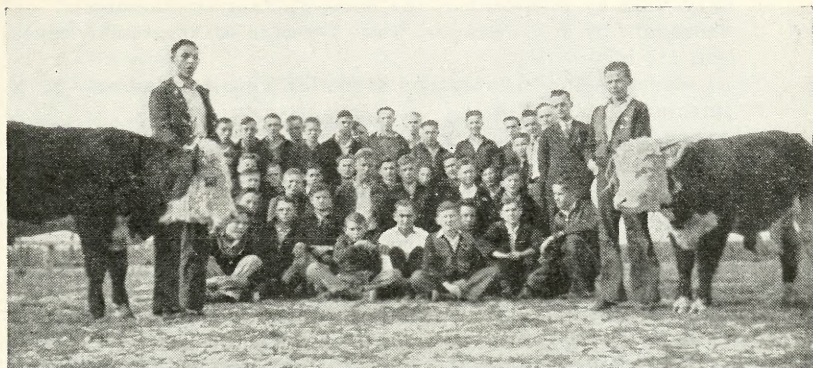
(a) Educational value	45 points
(b) Attractiveness	30 points
(c) Simplicity	25 points
Total	100 points

The premiums for the Future Farmer Booth and the Eight individual booths are.

1620—Future Farmer Booth	\$75.00
First Prize (Student Exhibit)	65.00
Second Prize (Student Exhibit)	60.00
Third Prize (Student Exhibit)	55.00
Fourth Prize (Student Exhibit)	50.00
Fifth Prize (Student Exhibit)	45.00
Sixth Prize (Student Exhibit)	40.00
Seventh Prize (Student Exhibit)	40.00
Eighth Prize (Student Exhibit)	37.50

LIVESTOCK JUDGING CONTEST

Livestock Judging Contest—A livestock judging contest will be held for students of vocational agriculture on Thursday, October 10th. Any regularly enrolled vocational agricultural student in North Carolina is eligible to compete. The following classes will be judged: Mules, Dairy cows and Swine. Loving cups will be awarded to the winners in each class by the Management of the Fair.



F. F. A. LIVESTOCK EXHIBITS

SWINE

(Poland-China, Duroc, Hampshire, Berkshire)

	1st	2d	3d	4th	5th
1621—Brood-sow, six months to 18 months old	\$15	\$12	\$10	\$8	\$5
1622—Boar, six months to 18 months old.....	15	12	10	8	5

DAIRY CATTLE

(Guernsey, Jersey, Ayshire, Holstein)

	1st	2d	3d	4th	5th
1623—Dairy calves from six to 18 months old.....	\$25.00	\$22.50	\$20.00	\$17.50	\$15.00

BEEF CATTLE

(Hereford, Aberdeen Angus, Shorthorn)

	1st	2d	3d	4th	5th
1624—Calves from six to 18 months old.....	\$25.00	\$22.50	\$20.00	\$17.50	\$15.00

VOCATIONAL AGRICULTURE DAY

ROY H. THOMAS, *Director*

A. L. TEACHEY, TAL H. STAFFORD, E. N. MEEKINS, J. M. OSTEEN,
R. J. PEELER, N. B. CHESTNUTT, *Assistant Directors*

Thursday, October 10th, has been named Vocational Agriculture Day. On this date, thousands of students of vocational agriculture will attend the Fair and will participate in a special program. Thursday is designated as Vocational Agriculture Day in recognition of the splendid work being done by the 18,000 students of vocational agriculture in North Carolina. Students of vocational agriculture, wearing the official F. F. A. Cap, will be admitted to the Fair free on Thursday.

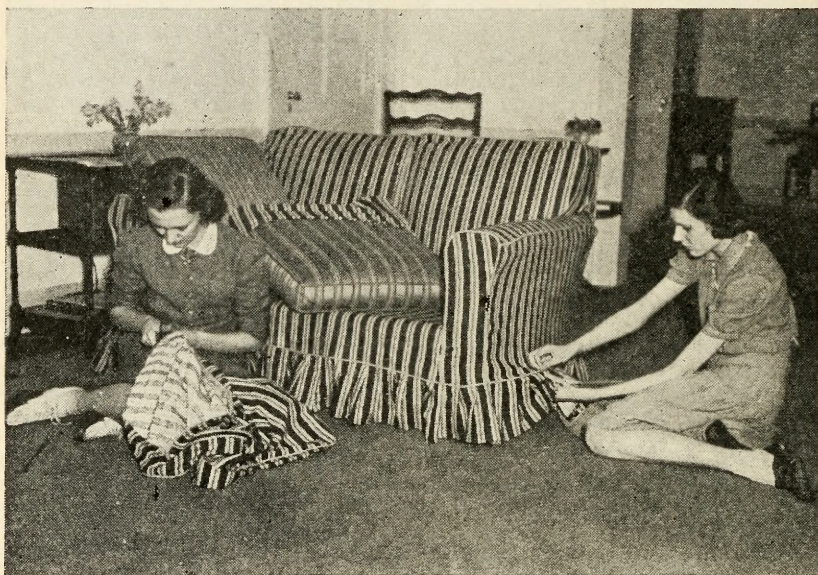
10:00 a.m.—Livestock Judging Contest.

10:00 to 12:00—Visit Exhibit Halls.

12:00 p.m.—Program at Grandstand. Roy H. Thomas, State Supervisor of Vocational Agriculture, presiding.

1. Short talk by President of the State F. F. A. (5 minutes).
2. Short talk by T. E. Browne, State Director of Vocational Education (15 minutes).
3. Announcement of winners in Livestock Judging Contest—E. N. Meekings.
4. Announcement of winners in F. F. A. Livestock Exhibits—J. M. Osteen.

2:00 to 5:00—Attend Grandstand Performance or View Exhibits.



HOME ECONOMICS

MISS CATHERINE DENNIS, *Director*
MISS VIRGINIA WARD, *Assistant Director*

The Home Economics exhibit will portray some phases of the Directed Home Experiences of girls enrolled in high school vocational homemaking classes. The exhibitors have excelled in the project work which they have chosen and for that reason have been asked to participate in the State Fair.

Seventeen thousand four hundred and ninety-nine white girls were enrolled in vocational homemaking classes in two hundred and fifty schools in North Carolina during the year 1939-40. The teachers in these schools visit the homes of the pupils to supervise and assist with the solution of definite home problems selected by the girls. These Directed Home Experiences are an integral part of the Homemaking Program.

Included in this display will be problems in:

1. Home Care of the Sick.
2. Child Development.

3. Home Improvement.
4. Buying Problems.
5. Nutrition.
6. Personal Growth and Development.

The Exhibits will be judged on the basis of:

1. Educational Value	30 points
2. Attractiveness	30 points
3. Unity	20 points
4. Simplicity	20 points
Total	100 points

The premiums for the booths are:

1625—First Prize	\$35.00
Second Prize	35.00
Third Prize	35.00
Fourth Prize	35.00
Fifth Prize	30.00
Sixth Prize	30.00
Departmental Expenses	20.00

INDUSTRIAL EDUCATION

GEORGE W. COGGIN, *Director*

J. WARREN SMITH, *Assistant Director*

1626—Amount Offered.....\$220.00

In the sixth booths allotted for this exhibit there will be displayed products of the various types of schools conducted throughout the State. These exhibits will include furniture, metal working, drawings, weaving, and printing. In addition to the display of products, a miniature shop will be shown in operation with boys from several different schools participating.

REHABILITATION

C. J. WARREN, *Director*

1627—Amount Offered.....\$110.00

The Rehabilitation exhibit for 1940 will be a series of motion picture films. We will have our own rehabilitation film of about 400 feet in length and in addition to this we will show allied films that have some bearing on rehabilitation.

FINE ARTS, ARTS AND CRAFTS



Department N

MR. BAKER WYNN, MRS. WILLIAM HODGES, *Associate Directors*

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

GENERAL REGULATIONS

1. Entries close Saturday, October 5, 1940. **No entries will be accepted after this date.**

2. Entries in all departments must be made on printed forms provided by the Secretary for that purpose, and must be in full compliance with the printed instructions on same. Exhibitors should study the list carefully and when decision has been made in which class to enter, should fill out the entry blank with class number and name as they appear in the Premium Book. No object can be entered in more than one class or under more than one number. Do not send your articles for exhibit without first having had them entered.

3. Entries are confined to residents of North Carolina.

4. Exhibitors will be allowed not more than two entries under any class number.

5. Pictures should be framed or **properly matted.**

6. No modeling in soft or unbaked clay will be accepted.

7. No exhibit will be received which was drawn, painted, modeled, or produced previous to October 1, 1939. This is done to prevent the use of old materials or objects that have been previously exhibited.

8. Exhibits must be carefully boxed or crated and sent by express prepaid or Parcel Post insured, or delivered in person, to Dr. J. S. Dorton, Manager, North Carolina State Fair, Raleigh, N. C., and labeled Art Department.

9. No person under 16 years of age may submit work.

10. In order to have an Art exhibit of a high standard, a committee of two competent professional artists will pass upon the work entered to eliminate the work which is poorly done and decide that entries conform to all regulations. Quality and **originality** of the work will be the leading factors in the placing of awards. No copies will be considered or exhibited.

11. If entries are not of merit, though they should be the only entries in that particular class, judges retain the right to make no award.

12. Entries may be called for at 9:30 Saturday night, October 12, 1940, or before 10 o'clock Sunday morning. All entries not called for by this time will be shipped to the owners c.o.d.

13. Real Rules Governing Entries, Exhibits and Awards, pages 27 to 39.

FINE ARTS

Oil Painting

Class A	1st	2d
1628—portrait or figure.....	\$20.00	\$8.00
1629—Landscape, still life or any other subject.....	20.00	8.00

Water Colors

Class B	1st	2d
1630—Portrait or Landscape	\$15.00	\$6.00
1631—Any other subject	15.00	6.00

Drawings

Class C	1st	2d
1632—Charcoal or pastel.....	\$10.00	\$5.00
1633—Pen and Ink.....	10.00	5.00
1634—Pencil or crayon.....	10.00	5.00

Miscellaneous

Class D	1st	2d
1635—Sculpture, any medium or subject.....	\$10.00	\$5.00
1636—Advertising poster, any medium.....	10.00	5.00
1637—Wood, linoleum or scragitto prints.....	10.00	5.00
1638—Magazine illustrations	10.00	5.00

Photographs

Class E	1st	2d
1639—Collection (four pieces in frame or panel) (not otherwise entered)	\$10.00	\$5.00
1640—Single photograph, portrait or landscape.....	5.00	2.50

ARTS AND CRAFTS

Pottery

Class A	1st	2d
1641—Exhibit of six pieces by a North Carolina maker.....	\$ 5.00	\$2.50

Basketry

Class B	1st	2d
1642—Oak split	\$ 5.00	\$2.00
1643—Split reed, best shape and pattern.....	5.00	2.00
1644—Willow	5.00	2.00
1645—Pine needle	5.00	2.00
1646—Raffia	5.00	2.00
1647—Collection (5 pieces) (not otherwise entered).....	5.00	2.00

HAM AND BACON



Department O

DALTON SWAFFAR, *Director, State College Station, Raleigh, N. C.*

The Department Directors and Exhibitors may have the exclusive use of the lawn in front of the Exhibit Buildings for parking until Tuesday morning, October 8th.

All Exhibitors who will mail in their entry blanks prior to October 7th will find their entry tags made and ready for them upon arrival.

RULES

1. Entries limited to North Carolina farm-cured meat.
2. Exhibitors winning premiums will be required to furnish their curing recipe, handling information, etc.
3. In judging, each piece will be cut to determine texture and flavor of meat, and before final decision is made a small piece will be cooked and sampled.
4. Exhibitors must indicate on entry blank whether meat is to be returned or sold. If the latter, price per pound must be given.
5. Hams weighing from ten to twenty pounds given preference. Hams, shoulders and bacon will be judged according to the following scale of points.

Hams and Shoulders—Size and Form

Weight	5
Trim	10
Symmetry	5
	<hr/>
	20

Cure and Quality

Flavor	50
Color	10
Texture	10
Proportion fat to lean.....	5
Marbling	5
	<hr/>
	80
	<hr/>
	100

BACON

Should be without ribs or "fatback," preferably in the form of bacon sides or strips. In general, the scale of points will be the same as for hams and shoulders.

GROUP 1

	1st	2d	3d
1648—Hams	\$10.00	\$8.00	5.00
1649—Shoulders	8.00	5.00	3.00
1650—Bacon	8.00	5.00	3.00

GROUP 2

	1st	2d	3d
1651—Best cured meat exhibit, 1 ham, 1 shoulder and 1 side	\$10.00	\$6.00	\$4.00

FARM MACHINERY AND TRACTORS



Department P

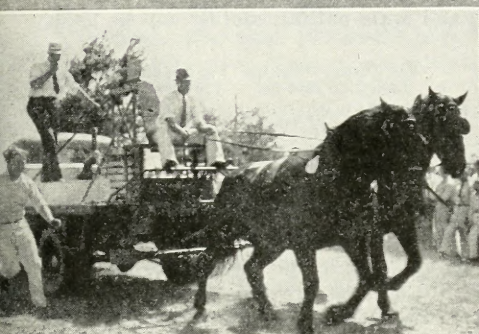
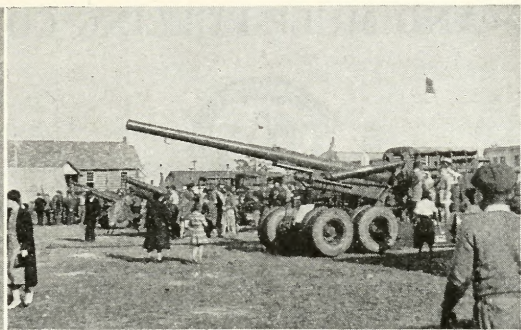
DAVID S. WEAVER, *Director, State College, Raleigh, N. C.*

Modern farm machinery has been developed for practically every farm operation, but the farmers of North Carolina have been slow to adopt machines when there was an abundance of farm labor. Gradually, however, machinery is being substituted for horse and human labor in the field. In spite of our high standing in total value of farm crops produced, we make a very poor showing on a per capita income of farm workers basis. Part of this showing may be attributed to the fact that the equipment with which our farm workers provide themselves is not up-to-date and efficient.

Practically every farm machinery manufacturer of any size is concentrating a large sales effort in the Southeast, because, they together with other leading industrialists and thinkers of the nation, realize that to a large extent the future of the nation lies in the South. The South's ability to produce raw materials is unsurpassed, and gradually industry will take advantage of this fact.

The North Carolina State Fair offers an excellent opportunity for bringing to the attention of its thousands of rural visitors the many advantages and improvements of modern farm equipment. A large area has been set aside on the Fair grounds in a most advantageous location, being on the main thoroughfare of the grounds. This means that this prominent position will bring practically every Fair visitor to the exhibits of farm machinery, tractors, road machinery, et cetera. An area for demonstrating tractors, machinery, and trucks is available. Manufacturers may obtain space for displaying their products by writing the manager of North Carolina State Fair, Raleigh, N. C. Space is available at very reasonable rates, and application should be filed as early as possible.

All exhibits must be completed for public inspection by Monday, October 7th.



HORSE- AND MULE-PULLING CONTEST



Department Q

PAUL L. FLETCHER, *Director, Raleigh, N. C.*

On Thursday and Friday, a horse- and mule-pulling contest will be held. Prizes will be:

	For Teams Weighing Less than 2500 lbs.	For Teams Weighing 2500 lbs. and above
1652—First Prize.....	\$60.00	\$60.00
1653—Second Prize	40.00	40.00
1654—Third Prize	30.00	30.00
1655—Fourth Prize	20.00	20.00

This pulling contest is the last of a series held in the State during 1940. Teams from all sections of the State are invited to participate. This type of contest has been held for a good many years in the Middle West and is now being carried on extensively in the East. It provides interesting and educational entertainment for people who view it, as well as giving an opportunity for noticing the better effects of good breeding, good hitching, and good horsemanship in obtaining maximum work from draft animals.

The testing is done with a machine known as a dynamometer, which has been purchased by the Department of Agriculture and which is arranged so as to provide an accurate, quickly adjustable, and predetermined load for the teams to pull. Teams will be divided into classes according to weight if enough variation in weight in the entries exists.

The winner of this pulling contest will be known as the 1940 state champion pulling team. As noted above, attractive prizes are offered for this event.

All contestants must provide their teams with strong and adequate harness. Doubletrees and singletrees need not be brought to the Fair grounds. Loud and abusive language will not be permitted, nor will whipping of teams be permitted. Address all inquiries for information to Paul L. Fletcher, Department of Agriculture, Raleigh, N. C.

FACTS WORTH KNOWING

POTATOES

Methods of Treatment for Scab, Black Scurf and Blackleg

1. Corrosive Sublimate. Dissolve four ounces in two quarts of hot water. Then make up to 30 gallons with cold water. Do not use metallic vessels. Solution can be used four times if one ounce of dissolved sublimate is added after each treatment. Treat before signs of sprouting. Standard time of treatment 1½ hours. This can be reduced to one-half hour by keeping tubers wet for 24 hours before treatment.

Caution: Corrosive sublimate is a deadly internal poison but not dangerous to handle. Treated potatoes should not be used for food or fed to livestock.

2. Cold Formaldehyde. Add one pint fresh commercial Formaldehyde (or Formalin) to 30 gallons of water. Solution does not weaken with use. Does not injure metal containers. Soak tubers 1½ hours. If tubers are kept moist as described above treatment time can be shortened to one-half hour and effectiveness increased.

3. Hot Formaldehyde. Prepare by adding one pint of Formaldehyde to 15 gallons of water. Heat to 124-126° F. Temperature must be accurately maintained between these points during treatment. Time—three to four minutes—no longer. Ideal for large volume community seed treating.

4. Organic-Mercury Dip. Directions are given on containers in which these dip products are sold. The solution is usually made by adding one pound of chemical to 2½ gallons of water. Dipping the tubers momentarily suffices to coat them with the chemical which is insoluble and will not readily wash after planting.

Note: Wire baskets or slatted wooden crates are best for treating potatoes. Metal, however, cannot be used with corrosive sublimate. Burlap bags are not desirable to use.

Seed Grain Treatments

Treatment seed grain for the control of certain smuts and other diseases improves yield and quality and is good insurance against loss from certain diseases. After seed grain has been thoroughly cleaned treat it according to the following directions for controlling seed-borne diseases below:

Crops and Diseases	Seed Treatment (Numbers refer to descriptions following)
Spring wheat (hard red, white, and durum):	
Stinking smut (bunt).....	No. 1, 2 or 5
Winter wheat. Stinking smut bunt).....	No. 1 or 2
Oats: Loose and covered smuts.....	No. 2, 3, 4, 5 or 6
Barley: Covered smut and black loose smut.....	No. 2, 3, 5 or 6
Stripe.....	No. 2
Grain sorghum: Covered kernel smut.....	No. 1

No. 1. Copper Carbonate Dust Treatment

(Applicable to spring, winter, and durum wheats for stinking smut control, and to sorghums for the control of covered kernel smut. Not applicable to oats and barley.)

Use of full-strength copper carbonate dust (about 50 per cent copper manufactured especially for seed treatment. Apply at the rate of 2 to 2½ ounces per bushel of well-cleaned seed. Mix seed and dust in a tight mixing machine until every kernel is thoroughly covered with dust. Seed thus treated may be stored indefinitely until sown without injury to germination.

Avoid injury to grain drill by rocking drill wheels back and forth before starting in order to avoid breaking or bending working parts, as treated seed cakes. Keep working parts of drill well oiled and cleaned out carefully when seeding is completed to avoid corrosion. Do not feed treated seed to farm animals.

No. 2 Ethyl Mercury Phosphate Dust Treatment (Improved Ceresan)

(Applicable to spring, winter and durum wheats, oats and barley for the control of all diseases)

Use ethyl mercury phosphate dust manufactured especially for seed treatment. Apply at the rate of one-half ounce per bushel in a mixing machine or as recommended on container. Dusted grain should be kept in a bin, pile, wagon box, or sacks for at least 10 hours and should remain uncovered. Treated grain may then be seeded at once or stored for at least four weeks. Ordinarily grain should not be treated more than four weeks before seeding because of uncertainty as to effect on seed germination after this period.

This treatment is easily applied, does not cake in the drill and will not corrode drill parts. Do not feed treated seed to farm animals. Germination may be injured if more than one-half ounce of disinfectant is used per bushel.

No. 3 Formaldehyde Dust Treatment

(Applicable to oats for the control of oat smuts and to barley for the control of covered smut and black loose smut. Does not control barley stripe)

There are several brands of formaldehyde dust on the market containing from four to eight per cent commercial formaldehyde by weight. These are usually applied at the rate of about three ounces per bushel. (See directions on container.) Use tight mixing machine or apply by shovel method. Pile and cover with canvas, blankets or sacks for at least one day. Then sow as soon as possible. Not recommended for wheat because it does not control stinking smut and may injure germination.

No. 4. Formaldehyde Spray Treatment (Dry)

(Applicable only to oats for smut control)

Mix one pint of commercial formaldehyde with one pint of water. Apply mixture uniformly with sprayer at the rate of one quart to 50 bushels of seed as it leaves the grain spout or as it is being shoveled from one pile to another on a clean floor or canvas or in a tight wagon box. Bin it or

pile and cover with canvas, blankets or disinfected sacks for at least five hours. Then sow immediately or expose to air before storing any length of time. If treated grain is stored in an elevator it should be moved and aerated on the following day. This method is convenient for treating large quantities of seed oats rapidly.

5. Formaldehyde Dip Treatment (Wet)

(Applicable to spring wheat, durum wheat, oats and barley. Does not control barley stripe.)

Mix one pint of commercial formaldehyde with 40 gallons of water in a barrel or tank. The temperature of the water should be 60° to 70° F. Dip loosely filled burlap sacks in this solution until the grain is thoroughly wet. Drain and dry at least two hours and then sow immediately. If sowing must be delayed spread out the treated seed to dry and sow as soon as possible. Formaldehyde treated oats may be held longer than treated wheat without injuring germination. The treatment sometimes injures germination to some extent, particularly in the case of wheat, when held for some time after treatment or when sown in dry soil. Do not allow treated seed to freeze while it is damp or wet. If the grain is moist increase seeding rate about one-quarter.

No. 6. Formaldehyde Sprinkle Treatment (Wet)

(Applicable to oats and barley. Does not control barley stripe.)

Mix one pint of commercial formaldehyde with 40 gallons of water at a temperature of 60° to 70° F. With a sprinkling can sprinkle it uniformly on 50 bushels of seed grain as it is being shoveled from one pile to another or on a clean floor or canvas or in a tight wagon box until all seed is thoroughly wet. Pile and cover with canvas, blankets or disinfected sacks for at least two hours. Then sow immediately. If sowing must be delayed, spread out the treated seed to dry and sow as soon as possible. This treatment has the same limitations as No. 5. Do not allow treated seed to freeze, and if grain is moist increase seeding rate about one-quarter.

Acid-Mercury Dip for Seed Potatoes

Add six ounces of mercuric chloride to one quart of commercial hydrochloric acid (muriatic acid). Solution will dissolve immediately. Measure out 25 gallons of water into wooden barrel, tub, or concrete tank. Add mixture to water and mix well. Using wooden crate, dip potatoes in solution and allow to remain for five minutes. Tubers with much scurf on them may be soaked up to forty minutes without injury. Spread out for drying unless planted immediately. Above solution sufficient for treating 40 to 50 bushels of potatoes.

Spray Materials

Arsenate of Lead—In the following formulae the weights given for arsenate of lead are for the dry form. Twice the weight of the paste form will be required. Before mixing arsenate of lead into a spray solution it should first be stirred up with water to about the consistency of cream. For insect poisoning it should be used at the rate of two pounds to 50 gallons of water or spray solution. One teaspoonful to one gallon water. Less liable than Paris Green to harm foliage.

Paris Green—May be applied dry or sprayed as liquid. If used dry, make dust mixture by adding one pound of the poison to 20 pounds common flour or slaked lime and apply when plants are damp from dew or rain. When using the poison as a spray, use one pound to 100 gallons of water; one-half teaspoon to one gallon of water. Never combine Paris Green with lime-sulphur.

Hellebore—A powder which kills both as a poison and by contact with insects. Especially useful in combating worms while fruit is ripening. Use only strictly fresh powder and dust on after having mixed it with three or four times its weight of flour.

Kerosene Emulsion (for scale and sucking insects)—Kerosene, two gallons; rain water, one gallon; soap, one-half pound. Dissolve the soap in water by boiling; take from the fire and while hot turn it into the kerosene and churn briskly for five minutes. Before using dilute with six to nine parts water.

Crude oil emulsion is made in the same way by using crude oil instead of kerosene. The strength of oil emulsions is frequently indicated by the percentage of oil in the diluted liquid as follows:

For a 10 per cent emulsion, 17 gallons of water is added to three gallons of stock emulsion.

For a 15 per cent emulsion, 10½ gallons of water is added to three gallons of stock emulsion.

For a 20 per cent emulsion, seven gallons of water is added to three gallons of stock emulsion.

For a 25 per cent emulsion, five gallons of water is added to three gallons of stock emulsion.

Bordeaux Mixture—The general formula of 4-4-50 means four pounds of copper sulphate, four pounds stone lime and 50 gallons of water. For treating potatoes for blight it should be 5-5-50. Bordeaux should be made fresh for each spray. Dissolve the copper sulphate in hot water and dilute the solution to 25 gallons. (Don't use iron or tin vessels as it corrodes the metal.) Slack the lime and add enough water to it to make 25 gallons. Then pour the two diluted solutions through a strainer simultaneously. *Do not mix the two ingredients together in concentrated form or more than will be used at the time.* Stock solutions which keep indefinitely if protected from evaporation may be prepared so as to contain one pound per gallon respectively of lime and copper sulphate. The required quantity of each of the stock solutions should be diluted before mixing. Water lost by evaporation should be restored before using, and both copper sulphate solution and lime suspension agitated to maintain a uniform density while desired quantity is being removed. For a gallon of spray solution use 1½ ounces each of copper sulphate and stone lime and one gallon water and prepare as suggested.

Commercial concentrated lime sulphur washes.—Commercial concentrated lime-sulphur solutions are now widely used by fruit growers in combating certain insect pests and fungous diseases. Careful and extensive experiments have shown that these mixtures, when thoroughly applied, will give very satisfactory results in controlling San Jose scale,

blister mite and apple scab. For the control of the two insect pests the material is applied to the infested trees only in the dormant or delayed-dormant period, and for apple scab it is applied as a delayed-dormant and, in a much more diluted condition, as a summer spray.

Compatibility of Insecticides and Fungicides

It is a great saving of time, labor and money to be able to apply poisons for both sucking and biting insects in combination with a fungicide, so that all these pests may be controlled with the one application of spray. Certain mixtures of these spray materials are more efficient because of the combination. Some are inefficient, and others are dangerous to the crop. The following data has been taken from a published article by Professor P. J. Parrott:

Better results by mixing, increasing efficiency:

- Paris green with bordeaux mixture.
- Arsenate of lead with bordeaux mixture.
- Nicotine sulphate with emulsions.
- Arsenate of lead, nicotine sulphate, and lime-sulphur.
- Arsenate of lead and soaps and nicotine sulphate.
- Lime-sulphur with nicotine sulphate.
- Soap with tobacco or oil emulsions.
- Arsenate of lead and self-boiled lime-sulphur.
- Arsenate of lead with lime-sulphur.
- Soap and nicotine sulphate.

Inefficient non-injurious:

- Lime-sulphur with soap or acids.

Dangerous:

- Paris green with lime-sulphur or soaps.
- Paris green with oil emulsions.
- Oil emulsions with lime-sulphur.
- Zinc arsenate with soaps or emulsions.
- Zinc arsenate with lime-sulphur.
- Sulphides of soda or potash with the common arsenicals, as arsenate of lead or paris green.
- Arsenate of lead and soaps and nicotine sulphate.

Weed Eradicators

Chlorates—Especially effective for killing perennial weeds. Persistent weeds such as field bindweed, quack-grass, Canada thistle, sweetfern and wild gooseberries are also successfully destroyed. Mixture: One and one-half pounds of sodium chlorate to one gallon water. When applied with sprayer figure at least 150 gallons per acre. When sprinkler is used 200 or 300 gallons should be allowed. Dry sodium chlorate can also be scattered. Rate: At least two pounds to square rod.

Warning—Sodium chlorate is highly explosive when dried out. Care must be taken both in preparation, and after ground is treated until rain; containers should be carefully disposed of.

FORMULAS FOR CURING MEAT

CAUTIONS—

1. Kill and dress carefully.
2. Cool thoroughly before curing.
3. Do not cure meat when frozen or tainted.
4. Have vessels for curing tight and clean.

CORNING BEEF

Select the cheaper cuts of beef; plate, rump, brisket, etc., preferably of fat animals. Cut into convenient sized pieces. Use eight pounds of salt to 100 pounds of beef. Sprinkle $\frac{1}{4}$ inches of salt over the bottom of barrel. Pack meat five or six inches in thickness over this. Alternate salt and meat layers, keeping a layer of salt for the top. Let stand over night and add four pounds of sugar, two ounces of baking soda and four ounces of saltpeter dissolved in one gallon of tepid water.

Three gallons more of water should be sufficient to cover this quantity. Weight down so meat will be entirely under the brine. Meat should be in brine from 28 to 40 days to secure thorough corning.

Keep in a cool place to avoid fermentation.

If brine becomes ropy, turn off, wash meat and add fresh brine.

DRIED BEEF

Round is usually used, the inside being considered the choice cut. Cut the round lengthwise of the grain so that the muscle fibres may be cut crosswise when sliced for table use.

Proportions:

One hundred pounds of beef, five pounds of salt, three pounds of granulated sugar, and two ounces of saltpeter. Mix thoroughly together.

Rub meat on all surfaces with a third of the mixture and pack it in the jar. Allow to remain for three days. Take out and rub with another third of the mixture, putting top pieces on the bottom. Allow to remain three days and rub on remaining mixture and let stand three days. Do not remove liquid but repack in the liquid each time.

Remove from pickle, smoke and hang in dry attic or near the kitchen fire. Use any time after smoking.

BRINE-CURED SALT PORK

Rub each piece of pork with fine salt and pack closely in a barrel. Let stand over night.

Make brine, using eight pounds of salt, $2\frac{1}{2}$ pounds of sugar, two ounces of saltpeter and four gallons of boiling water for each 100 pounds of meat. Pour over meat when cold. Weight down to keep under brine. Allow four days cure for each pound in hams and shoulders and three days for bacon and small pieces. When cured take out, wash in lukewarm water and hang in smoke-house.

DRY-CURED PORK

For 100 pounds of meat use:

7 pounds of salt. $2\frac{1}{2}$ pounds of sugar. 2 ounces of saltpeter.

Mix the ingredients, rub one-third of mixture over meat, pack and let stand for three days. Rub another third and let it stand for three days. Rub with rest of mixture and pack to cure. Allow $1\frac{1}{2}$ days cure for each pound the pieces average.

Curing pork and meat to be smoked:

7 pounds salt.	2 ounces black pepper.
3 pounds sugar.	2 ounces red pepper.

Mix ingredients and rub on meat; pack and leave for six to seven weeks, then smoke.

PORK SAUSAGE

40 pounds of pork.	3 ounces of pepper.
10 pounds of beef.	5 ounces of sage.
1 pound of salt.	5 pounds of water.

Grind meat through the coarse plate. Spread out on table and spread on the seasoning. Put through fine plate and add water and mix as bread dough until water is completely absorbed.

References: F. B. 913, "Killing Hogs and Curing Pork." F. B. 183, "Meat on the Farm, Butchering, Curing and Keeping."

PRESERVATION OF EGGS

WATER GLASS METHOD: Nine quarts soft water boiled and cooled; add one quart waterglass; stir thoroughly. Sufficient for 15 dozen eggs. Use six-gallon crock. Scald crock before using. Allow at least two inches of solution over eggs. Place crock in a cool, dry place, well covered to prevent evaporation.

LIME WATER METHOD: Two or three pounds unslacked lime and five gallons water boiled and cooled. Pour water lime and allow to stand until mixture settles and liquid is clear. Place clean, fresh eggs in a clean crock or jar and pour clear lime water over eggs. Allow two inches of liquid over top of eggs.

GENERAL DIRECTIONS FOR CANNING

Safe canning requires careful attention to every step.

Use only clean, fresh, sound fruits and vegetables. "Two hours from garden to can" is a good slogan. Discard for canning purposes all material showing any sign of spoilage.

Wash the fruits and vegetables thoroughly and prepare as for cooking. Those with earth clinging to them must be washed with special care because the soil may contain bacteria that are very difficult to kill.

Precook, parboil, or scald products that require it. If the vegetable or the fruit is to be peeled, such as apricots, peaches or tomatoes, dip it in cold water after scalding or parboiling. If no preliminary cooking is needed, put it at once into jars.

A short precooking of the fruits and vegetables shrinks them and makes it possible to fill the jars hot. No food value is lost if the hot liquid that has cooked out is used, instead of hot water, to fill the jars.

The material should be filled into the jars as hot as possible so as to decrease the time required for the material in the center of the can to reach the temperature of the canner. This is especially important with thick pasty mixtures, since they heat through very slowly. Adjust rubbers and tops of glass jars or seal tin cans. Work quickly so that cans

will not cool while waiting and get them into the canner as rapidly as possible.

To jars or cans of vegetables, add salt and hot water if there is not sufficient liquid to fill the containers. To fruits, add sirup or fruit juice.

Partially seal glass jars by adjusting springs halfway or placing screw tops on loosely, and completely seal tin cans before placing in the canner.

It is recommended that the pressure canner be used for all vegetables except tomatoes. The water-bath canner (any covered vessel of sufficient depth for the jars or cans to be completely immersed while processing, and equipped with a rack or false bottom) or the pressure canner used at 212° F. is preferable for fruits and tomatoes.

It is desirable that the pressure canner be equipped with both thermometer and pressure gauge. In using the pressure canner, wait until steam flows from the pet cock before closing; otherwise the pressure is no indication of the temperature. Commence to count time when the pressure reaches the desired point, not before.

Seal glass jars as soon as removed from the canner. The texture of products in tin is improved if the cans are cooled quickly by plunging in cold water.

All cans and jars should be so marked that each lot can be identified. Keep at room temperature for at least a week, discard any showing signs of spoilage and watch others of same lot until it is certain they are keeping.

SIRUPS

Bring to boiling point one part sugar and three parts water (or fruit juice) for thin sirup; two parts water for medium and one part water for thick sirup.

WEIGHTS AND MEASURES

Troy Weight

24 grains = 1 dwt.
20 dwts. = 1 ounce

12 ounces = 1 pound

Used for weighing gold, silver and jewels

Apothecaries' Weight

20 grains = 1 scruple
3 scruples = 1 dram

8 drams = 1 ounce
12 ounces = 1 pound

The ounce and pound in this are the same as in Troy weight.

Avoirdupois Weight

27 $\frac{11}{32}$ grains = 1 dram
16 drams = 1 ounce
16 ounces = 1 pound
25 pounds = 1 quarter

4 quarters = 1 cwt.
2,000 lbs. = 1 short ton
2,240 lbs. = 1 long ton

Dry Measure

2 pints = 1 quart
8 quarts = 1 peck

4 pecks = 1 bushel
36 bushels = 1 chaldron

Liquid Measure

4 gills = 1 pint
 2 pints = 1 quart
 4 quarts = 1 gallon

31½ gallons = 1 barrel
 2 barrels = one hogshead

Time Measure

60 seconds = 1 minute
 60 minutes = 1 hour

24 hours = 1 day
 7 days = 1 week

28, 29, 30 or 31 days = 1 calendar month (30 days = 1 month
 in computing interest).

365 days = 1 year

366 days = 1 leap year

Circular Measure

60 seconds = 1 minute
 60 minutes = 1 degree

30 degrees = 1 sign
 90 degrees = 1 quadrant

4 quadrants = 12 signs, or 360 degrees = 1 circle

Long Measure

12 inches = 1 foot
 3 feet = 1 yard
 5½ yards = 1 rod

40 rods = 1 furlong
 8 furlongs = 1 sta. mile
 3 miles = 1 league

Cloth Measure

2¼ inches = 1 nail
 3 nails = 1 quarter

4 quarters = 1 yard

Mariners' Measure

6 feet = 1 fathom
 120 fathoms = 1 cable length
 7½ cable lengths = 1 mile

5,280 feet = stat. mile
 6,085 feet = 1 naut. mile

Square Measure

144 sq. inches = 1 sq. ft.
 9 sq. ft. = 1 sq. yd.
 30¼ sq. yds. = 1 sq. rod

40 sq. rods = 1 rood
 4 roods = 1 acre
 640 acres = 1 sq. mile

Miscellaneous

3 inches = 1 palm
 4 inches = hand
 6 inches = 1 span

18 inches = 1 cubit
 21.8 in. = 1 Bible cubit
 2½ ft. = 1 military pace

MEASUREMENTS**Survey's Measure**

7.92 inches.....1 link
 25 links.....1 rod 4 rods.....1 chain
 10 sq. chains or 160 sq. rods.....1 acre
 640 acres.....1 sq. mile
 36 sq. miles (6 miles sq.).....1 township

Cubic Measure

1,728 cubic in.....1 cu. ft. 128 cu. ft.....1 cord (wood)
 27 cubic ft.....1 cu. yard 40 cu. ft.....1 ton (shpg.)
 2,150.42 cubic inches.....1 standard bushel
 231 cubic inches.....1 U. S. standard gallon
 1 cubic ft.....about 4/5 of a bushel

METRIC EQUIVALENTS

Linear Measure

1 centimeter	0.3937 in.	1 in.	2.54 centimeters
1 decimeter	3.937 in.	.....	0.328 ft.
1 ft. ....	.....	.....	3.048 decimeters
1 meter	39.37 in.	.....	1.0936 yards
1 yd. ....	.....	.....	0.9144 meters
1 decameter	1.9884 rods	1 rod.....	0.5029 decameter
1 kilometer	0.62137 m.	1 m.....	1.6094 kilometers

Square Measure

1 sq. centimeter.....	0.1550 sq. in.	1 sq. inch.....	6.452 sq. centimeters
1 sq. decimeter.....	0.1076 sq. ft.	1 sq. foot.....	9.2903 sq. decimeters
1 sq. meter.....	1.196 sq. yd.	1 sq. yard.....	0.8361 sq. m'r
1 are	3.954 sq. rods	1 sq. rod.....	0.2529 are
1 hectare	2.47 acres	1 acre	0.4047 hectare
1 sq. kilometer.....	0.386 sq. m.	1 sq. m.....	2.59 sq. kilometers

Measure of Volume

1 cu. centimeter.....	0.061 cu. in.	1 cu. in.....	16.39 cu. centimeters
1 cu. decimeter.....	0.0353 cu. ft.	1 cu. ft.....	28.317 cu. decimeters
1 cu. meter.....	1.308 cu. yd.	1 cu. yard.....	0.7646 cu. meters
1 stere	0.2759 cord	1 cord	3.624 steres
1 liter =	{ 0.908 qt. dry	1 qt. dry	1.101 liters
	{ 1.0567 qt. liquid	1 qt. liquid.....	0.9463 liter
1 decaliter =	{ 2.6417 gallon	1 gallon	0.3785 decaliter
	{ .135 pkgs.	1 peck	0.881 decaliter
1 hectoliter =	2,8375 bu.	1 bu.	0.3524 hectoliter

Weights

1 gram	0.03527 ounce	1 ounce	28.35 grams
1 kilogram	2.2046 lbs.	1 lb.	0.4536 kilogram
1 metric ton.....	1.1023 English tons	1 English ton.....	0.9072 metric ton

Approximate Metric Equivalents

1 decimeter.....	4 in.	1 liter.....	1.06 qts. liquid, 0.9 qt. dry
1 meter.....	1.1 yards	1 hectoliter.....	2 1/4 bus.
1 kilometer.....	5/8 of a mile	1 kilogram.....	2 1/5 lbs.
1 hectare.....	2 1/2 acres	1 metric ton.....	2,200 lbs.
1 stere or cu. meter.....	1/4 of a cord		

GESTATION TABLE

	Average Gestation Period			Extremes (Days)
	Weeks	or	Days	
Sow	16		112	109 to 120
Ewe	22		150	146 to 157
Cow	40 1/2		283	240 to 311
Mare	48 1/2		340	307 to 412

Date Animal Due to Give Birth

Date of Service	Mare	Cow	Ewe	Sow
Jan. 1.....	Dec. 7.....	Oct. 11.....	May 31.....	Apr. 25
Jan. 11.....	Dec. 17.....	Oct. 21.....	June 10.....	May 5
Jan. 21.....	Dec. 27.....	Oct. 31.....	June 20.....	May 15
Jan. 31.....	Jan. 6.....	Nov. 10.....	June 30.....	May 25
Feb. 10.....	Jan. 16.....	Nov. 20.....	July 10.....	June 4
Feb. 20.....	Jan. 26.....	Nov. 30.....	July 20.....	June 14
Mar. 2.....	Feb. 5.....	Dec. 10.....	July 30.....	June 24

Date of Service	Mare	Cow	Ewe	Sow
Mar. 12.....	Feb. 15.....	Dec. 20.....	Aug. 9.....	July 4
Mar. 22.....	Feb. 25.....	Dec. 30.....	Aug. 19.....	July 14
Apr. 1.....	Mar. 7.....	Jan. 9.....	Aug. 29.....	July 24
Apr. 11.....	Mar. 17.....	Jan. 19.....	Sept. 8.....	Aug. 3
Apr. 21.....	Mar. 27.....	Jan. 29.....	Sept. 18.....	Aug. 13
May 1.....	Apr. 6.....	Feb. 8.....	Sept. 28.....	Aug. 23
May 11.....	Apr. 16.....	Feb. 18.....	Oct. 8.....	Sept. 2
May 21.....	Apr. 26.....	Feb. 28.....	Oct. 18.....	Sept. 12
May 31.....	May 6.....	Mar. 10.....	Oct. 28.....	Sept. 22
June 10.....	May 16.....	Mar. 20.....	Nov. 7.....	Oct. 2
June 20.....	May 26.....	Mar. 30.....	Nov. 17.....	Oct. 12
June 30.....	June 5.....	Apr. 9.....	Nov. 27.....	Oct. 22
July 10.....	June 15.....	Apr. 19.....	Dec. 7.....	Nov. 1
July 20.....	June 25.....	Apr. 29.....	Dec. 17.....	Nov. 11
July 30.....	July 5.....	May 9.....	Dec. 27.....	Nov. 21
Aug. 9.....	July 15.....	May 19.....	Jan. 6.....	Dec. 1
Aug. 19.....	July 25.....	May 29.....	Jan. 16.....	Dec. 11
Aug. 29.....	Aug. 4.....	June 8.....	Jan. 26.....	Dec. 21
Sept. 8.....	Aug. 14.....	June 18.....	Feb. 5.....	Dec. 31
Sept. 18.....	Aug. 24.....	June 28.....	Feb. 15.....	Jan. 10
Sept. 28.....	Sept. 3.....	July 8.....	Feb. 25.....	Jan. 20
Oct. 8.....	Sept. 13.....	July 18.....	Mar. 7.....	Jan. 30
Oct. 18.....	Sept. 23.....	July 28.....	Mar. 17.....	Feb. 9
Oct. 28.....	Oct. 3.....	Aug. 7.....	Mar. 27.....	Feb. 19
Nov. 7.....	Oct. 13.....	Aug. 17.....	Apr. 6.....	Mar. 1
Nov. 17.....	Oct. 23.....	Aug. 27.....	Apr. 16.....	Mar. 11
Nov. 27.....	Nov. 2.....	Sept. 6.....	Apr. 26.....	Mar. 21
Dec. 7.....	Nov. 12.....	Sept. 16.....	May 6.....	Mar. 31
Dec. 17.....	Nov. 22.....	Sept. 26.....	May 16.....	Apr. 10
Dec. 27.....	Dec. 2.....	Oct. 6.....	May 26.....	Apr. 20

Duration and frequency of heat in farm animals in regular condition

	In heat for	If not impregnated heat will recur in
Mares	5-7 days*	3 to 6 weeks
Cows	2-3 days*	3 to 4 weeks
Ewes	2-3 days	17 to 28 days
Sows	2-4 days	21 days

* Subject to variation.

A FLY SPRAY

A very effective fly spray can be had by dissolving one-half to one pound pyrethrum per gallon of kerosene. The supernatant liquid (that which rises to the top of the mixture) is used as a spray. An ounce of pennyroyal per gallon will materially increase the value of the spray.

DETERMINING CAPACITIES OF BINS, CRIBS, ETC., IN BUSHELS OF PRODUCTS

Compute cubic feet by multiplying length by width by height for square or oblong bins, or 3.1416 by radius squared by height for cylindrical bins.

Multiply by four and divide by five to find number of bushels. If corn is in the ear multiply the cubic feet by 2/5.

HANDY FERTILIZER TABLE

Per Cent of Plant Food Desired in Fertilizer	Nitrogen Derived From					Phosphoric Acid Derived From					
	Nitrate of Soda 15.5%	Sulphate of Ammonia 20.5%	Dried Blood 13%	Bone Tankage 6%	Fish Scrap or Animal Tankage 9%	Cotton Seed Meal 5.7%	Superphosphate 18%	Fish Scrap or Animal Tankage 6.75%	Muriate of Potash 50%	Sulphate of Potash 48%	Kainit 20%
1	130	98	154	334	223	351	112	297	40	42	100
2	259	196	308	667	445	702	223	593	80	84	200
3	388	293	462	1000	667	1053	334	889	120	125	300
4	517	391	616	1334	889	1404	445	1186	160	167	400
5	646	488	770	1667	1112	1755	556	1482	200	209	500
6	775	586	924	2000	1334	.....	667	1178	240	250	600
7	904	683	1077	.....	1556	.....	778	.....	280	292	700
8	1033	781	1231	.....	1778	.....	889	.....	320	334	800
9	1162	878	1385	.....	2000	.....	1000	.....	360	375	900
10	1291	976	1539	.....	.....	.....	1112	.....	400	417	1000
11	1420	1074	1693	.....	.....	.....	1123	.....	400	459	1100
12	1549	1171	1847	.....	.....	.....	1334	.....	480	500	1200

Example—Assuming that a 2-12-2 mixture is desired, a fertilizer of this composition would contain two per cent nitrogen, 12 per cent phosphoric acid and two per cent potash. In each ton there would be 40, 240 and 40 pounds of nitrogen, phosphoric acid and potash respectively. This would be furnished by 308 pounds of dried blood, 1500 pounds of 16 per cent superphosphate and 80 pounds of muriate of potash.

Note—In a few states, expressions such as 2-12-2 mean two per cent ammonia, 12 per cent phosphoric acid and two per cent potash. The first figure gives the percentage of ammonia and not of nitrogen. In such states the quantities of the respective nitrogenous materials to be used must be 14/17 times those given above.

NUMBER OF PLANTS TO AN ACRE

Distance Apart	No. of Plants	Distance Apart	No. of Plants	Distance Apart	No. of Plants
3 x3 in.	696,960	4 x 4 ft.	2,722	13 x13 ft.	257
4 x4 in.	392,040	4 ½ x 4 ½ ft.	2,151	14 x14 ft.	222
6 x6 in.	174,240	5 x 1 ft.	8,712	15 x15 ft.	193
9 x9 ft.	77,440	5 x 2 ft.	4,356	16 x16 ft.	170
1 x1 ft.	43,560	5 x 3 ft.	2,904	16 ½ x16 ½ ft.	160
1 ½ x1 ½ in.	19,360	5 x 4 ft.	2,178	17 x17 ft.	150
2 x1 ft.	21,780	5 x 5 ft.	1,742	18 x18 ft.	134
2 x2 ft.	10,890	5 ½ x 5 ½ ft.	1,417	19 x19 ft.	120
2 ½ x2 ½ ft.	6,960	6 x 6 ft.	1,210	20 x20 ft.	108
3 x1 ft.	14,520	6 ½ x 6 ½ ft.	1,031	25 x25 ft.	69
3 x2 ft.	7,260	7 x 7 ft.	881	30 x30 ft.	48
3 x3 ft.	4,840	8 x 8 ft.	680	33 x33 ft.	40
3 ½ x3 ½ ft.	3,555	9 x 9 ft.	537	40 x40 ft.	27
4 x1 ft.	10,890	10 x10 ft.	425	50 x50 ft.	17
4 x2 ft.	5,445	11 x11 ft.	360	60 x60 ft.	12
4 x3 ft.	3,630	12 x12 ft.	302	66 x66 ft.	9

NUMBER OF GALLONS IN SQUARE TANKS

To find number of gallons in any square or oblong tank, multiply number of cubic feet it contains by 7.4805.

COMMON FEEDS AND THEIR SUBSTITUTES

The following table shows feeds that may be substituted for some of the most common feeds without greatly affecting the ration:

Feed	Feeds that may be substituted, quantities depending on relative feeding value.
Whole milk.....	For older animals skim-milk or commercial calf meal supplemented with ground grains. Mature animals may be given buttermilk and whey. The dam's milk, or cow's milk properly modified, is better for very young animals.
Corn.....	Barley, kafir, milo, sorghum, oats, buckwheat, rice, or similar feeds rich in carbohydrates and fats.
Oats.....	Bran, coarse middlings, dried distillers' grains, or feeds having similar physical and nutritive qualities.
Wheat bran.....	Ground oats, other bran, dried distillers' grains, coarse middlings, alfalfa meal, or feeds having similar nutritive and physical qualities.
Linseed meal.....	Peanut meal, gluten feed, copra meal, cottonseed meal (for some animals), velvet-bean meal, or similar feeds high in protein and mineral matter.
Cottonseed meal.....	Cottonseed cake, linseed meal, peanut meal, gluten feed, copra meal, velvet bean meal, sorghum meal, or similar feeds high in protein and mineral matter.
Tankage.....	Fish meal, shrimp bran, meat scrap, or similar feeds high in protein and mineral matter.
Corn silage.....	Sorghum silage, other silage, pasture, wet beet pulp, roots, and green-forage crops, or similar succulent feeds, commercial mixtures of alfalfa and molasses, and similar combinations.
Pasture.....	Silage, wet beet pulp, roots, or forage crops are good supplements. (There is no practical substitute for pasture in most sections if economy is considered.)
Clover hay.....	Other legume hays, such as alfalfa, lespedeza, peanut, soybean, cowpea, or velvet-bean hay.
Timothy hay.....	Other grass hays, mixed hays, oats straw, or similar roughages.
Corn stover.....	Other stovers, grass hay, oats straw, or similar roughages.
Oat straw.....	Corn stover, other stovers, barley straw and other straws, cottonseed hulls, and similar feeds.

DAIRY INFORMATION

One quart of milk weighs 2.15 lbs.

WEIGHT OF CREAM AT 68° F.

Per cent fat	Weight of one quart Pounds	Fat in one quart Pounds
20	2.1074	.4215
25	2.0970	.5243
30	2.0887	.6266
35	2.0783	.7274
40	2.0700	.8280

100 LBS. OF MILK WILL MAKE FOLLOWING AMOUNTS OF CREAM:

Fat in Cream	3 %	Fat in Milk 4 %	5 %	6 %
20 %	7.11 qts.	9.49 qts.	11.86 qts.	14.23 qts.
25	5.72 qts.	7.63 qts.	9.54 qts.	11.44 qts.
30	4.79 qts.	6.38 qts.	7.98 qts.	9.58 qts.
35	4.12 qts.	5.50 qts.	6.87 qts.	8.24 qts.
40	3.62 qts.	4.83 qts.	6.04 qts.	7.24 qts.

AMOUNT MILK TO MAKE ONE QUART CREAM:

Fat in Cream	Fat in Milk			
	3%	4%	5%	6%
20%	6.54 qts.	4.40 qts.	3.92 qts.	3.27 qts.
25	8.13 qts.	6.09 qts.	4.87 qts.	4.07 qts.
30	9.71 qts.	7.29 qts.	5.83 qts.	4.85 qts.
35	11.28 qts.	8.45 qts.	6.77 qts.	5.64 qts.
40	12.84 qts.	9.63 qts.	7.70 qts.	6.42 qts.

THE VALUE OF A SILO

The silo gives from 25 to 30 per cent more feeding value to the corn crop than when it is fed as dry fodder.

The silo provides the best and cheapest form of succulent winter feed, which helps to keep the cows healthy and productive when dairy prices are highest.

The silo is the cheapest farm building one can erect. It will house more feed nutrients per cubic foot of space than any other farm building.

It increases the live stock carrying capacity of the farm at least 25 per cent, and the producing capacity of the farm is increased at least 10 per cent.

The silo prevents waste of cornstalks, leaves and husks which contain about 40 per cent of the feeding value of the corn plant.

The silo enables the farmer to feed his stock from less acres thereby leaving more crops to be marketed and more profit to himself.

Good silage, properly fed, does not injure in the slightest the quality of the milk, butter or cheese.

It requires less labor to feed silage and the cattle waste very little of it.

The tall silo of small diameter is to be preferred to the one of less height and greater diameter.

The following is the amount of silage usually fed to different kinds of live stock:

	Lbs.
Dairy Cattle per 1000 lbs. live weight.....	30
Beef Cattle per 1000 lbs. live weight.....	30
Horses per 1000 lbs. live weight.....	20
Dairy cattle supplementary to pasture.....	15
Sheep per head.....	2

Relation of Size of Silo to Length of Breeding Period and Size of Herd

No. Cows Consuming 40 pounds of Silage Daily	—Feed for 180 Days—				—Feed for 240 Days—	
	Est'd Amount Silage consumed (tons)	Size of Silo		Est'd Amount Silage consumed (tons)	Size of Silo	
		Diam. (feet)	Hgt. (feet)		Diam. (feet)	Hgt. (feet)
10	36	10	25	48	10	31
12	43	10	28	57	10	35
15	54	11	29	72	11	36
20	72	12	32	96	12	39
25	90	13	33	120	13	40
30	108	14	34	144	15	37
35	126	15	34	168	16	38
40	144	16	35	192	17	39
45	162	16	37	216	18	39
50	180	17	37	240	19	39

RATE OF SEEDING AND WEIGHT PER BUSHEL OF FARM CROPS

Crop	Rate of Seeding Per Acre	Weight Per Bushel
Alfalfa.....	10-12 lbs.	60 lbs.
Barley.....	7-10 pecks	48 lbs.
Beans (field).....	2- 5 pecks	60 lbs.
Beets.....	.....	60 lbs.
Buckwheat.....	3- 5 pecks	50 lbs.
Chufas.....	4- 5 pecks	40 lbs.
Carrots.....	.....	50 lbs.
Clover, red.....	8-10 lbs.	60 lbs.
Clover, alsike.....	4- 6 lbs.	60 lbs.
Clover, white in mixtures.....	2- 5 lbs.	60 lbs.
Clover, mammoth.....	8-10 lbs.	60 lbs.
Clover, sweet.....	10 lbs.	60 lbs.
Corn, broom.....	4- 6 lbs.	45 lbs.
Corn, shelled.....	6-10 lbs.	56 lbs.
Corn, on cob.....	.....	70 lbs.
Cotton.....	1-3 bu.	32 lbs.
Cowpeas, drilled solid.....	6- 8 pecks.	60 lbs.
Cucumbers.....	.....	48 lbs.
Emmer.....	8-10 pecks	40 lbs.
Grass, blue.....	15-20 lbs.	14-32 lbs.
Grass, orchard.....	15-25 lbs.	14-24 lbs.
Grass, red top.....	10-15 lbs.	14-40 lbs.
Grass, timothy.....	4-10 lbs.	45 lbs.
Hay.....	.....	210 lbs. (1 bale)
Kafir (drills).....	3- 6 lbs.	50-60 lbs.
Kafir (for fodder).....	10-12 lbs.	50-60 lbs.
Lespedeza (Japan Clover).....	20-25 lbs.	25 lbs.
Millet, for hay.....	40-50 lbs.	50 lbs.
Millet, for seed.....	20-25 lbs.	50 lbs.
Milo.....	5 lbs.,	50-60 lbs.
Oats.....	8-10 pecks	32 lbs.
Onion Seed.....	5- 6 lbs.	56 lbs.
Parsnips.....	.....	50 lbs.
Peanuts.....	.....	22 lbs.
Peas, alone.....	8-12 pecks	60 lbs.
Peas and Oats.....	6 pecks of each	.....
Potatoes.....	10-15 bu.	50 lbs.
Potatoes, sweet.....	.....	50 lbs.
Rape solid.....	5- 8 lbs.	60 lbs.
Rye.....	6- 8 pecks	56 lbs.
Sorghum.....	8-15 lbs.	50 lbs.
Soy beans, drilled solid.....	6- 8 pecks	60 lbs.
Soy beans, in rows.....	2- 3 pecks	60 lbs.
Soy beans, with corn.....	½ pk.	60 lbs.
Straw.....	.....	180 lbs. (bale)
Sudan Grass (drills).....	15-30 lbs.	.....
Sugar Beets.....	6- 8 lbs.	.....
Tomatoes.....	.....	56 lbs.
Turnips.....	.....	55 lbs.
Vetch, hairy, with grain.....	10-20 lbs.	60 lbs.
Wheat, winter.....	6- 8 pecks	60 lbs.
Wheat, spring.....	6 pecks	60 lbs.

Experiments and tests have conclusively
shown the value of

Ground Limestone
USE THE BEST!

Magnesium Agricultural Limestone
(D o l o m i t i c)

43% Magnesium Carbonate
54% Calcium Carbonate
105% Calcium Carbonate Equivalent



Murat Lime Carbonate

96% Calcium Carbonate
1.5% Magnesium Carbonate



LIBERTY
Limestone Corporation
ROCKY POINT, VA.



Send Us Your Inquiries



FOR CLEANING VARIOUS SUBSTANCES

ALABASTER—Use strong soap and water.

BLACK SILK—Brush and wipe it thoroughly, lay on table with the side intended to show, up; sponge with hot coffee strained through muslin; when partly dry, iron.

TO REMOVE STAINS OR GREASE FROM OIL PAINT—Use bisulphide of carbon, spirits of turpentine, or if it is dry and old, use chloroform. These and tar spots can be softened with olive oil and lard.

STAINS, IRON RUST, OR INK FROM VELLUM OR PARCHMENT—Moisten the spot with a solution of oxalic acid. Absorb same quickly by blotting paper or cloth.

RUST FROM STEEL—Take half ounce of emery powder mixed with one ounce of soap and rub well.

FRUIT SPOTS FROM COTTONS—Apply cold soap, then touch the spot with a hair pencil or feather dipped in chlorate of soda, then dip immediately in cold water.

GREASE FROM SILKS—Take a lump of magnesia, rub it wet on the spot, let it dry, then brush the powder off.

IRON RUST may be removed from white goods by sour milk.

SCORCH STAINS FROM WHITE LINEN—Lay in bright sun.

MILDEW—Moisten the spot with clean water; rub on it a thick coating of castile soap mixed with chalk scrapings; rub with end of finger; then wash off.

OIL MARKS ON WALL PAPER—Apply paste of cold water and pipe clay, leave it on all night, brush off in the morning.

PAINT SPOT FROM CLOTHING—Saturate with equal parts turpentine and spirits of ammonia.

TO CLEANSE HOUSE PAPER—Rub a flannel cloth dipped in oatmeal.

BLACK CLOTH—Mix one part of spirits of ammonia with three parts warm water, rub with sponge or dark cloth, clean with water, rub with the nap.

FURNITURE FOR FINGER MARKS—Rub with a soft rag and sweet oil.

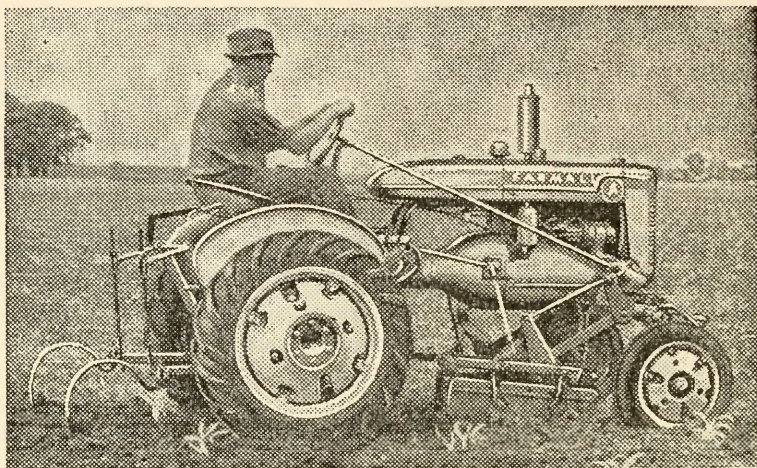
CHROMOS—Go over lightly with a damp linen cloth.

ZINC—Rub with a piece of cotton cloth dipped in kerosene, afterwards with a dry cloth.

HANDS FROM VEGETABLE STAINS—Rub with a slice of raw potato.

WINDOW GLASS—Paint can be removed by a strong solution of soda.

TO CLEAN TINWARE—Common soda applied with a moistened newspaper and polished with a dry piece, will make it look like new.



You Can't Beat

A Farmall Tractor

— for —

ANY JOB ON THE FARM

3 Sizes of
FARMALL
TRACTORS

ONE OF THESE SIZES
WILL FIT YOUR
FARM NEEDS

Power - Speed - Economy
Cultivision

These all-purpose tractors are on display at the State Fair and with the following dealers:

The RALEIGH TRACTOR &
EQUIPMENT COMPANY
RALEIGH, N. C.

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COMPANY
WASHINGTON, N. C.

H. P. EFIRD
COMPANY
ALBEMARLE, N. C.

NACO FERTILIZER COMPANY
ROCKY MOUNT, N. C.

BOARD MEASURE

The unit of measure is the board foot, which is a board one inch thick and one foot square. Lumber is always sold on the basis of 1,000 feet board measure. (B. M.)

Formula: To find B. M. multiply length in feet by width and thickness in inches, and divide the product by 12.

USEFUL INFORMATION FOR FARM BUILDING

One thousand shingles, laid four inch to the weather, will cover one hundred square feet of surface and five lbs. of shingle nails will fasten them on.

One-fifth more siding and flooring is needed than the number of square feet of surface to be covered, because of the lap in siding and flooring.

One thousand laths will cover seventy yards of surface and eleven pounds of lath nails will nail them on.

Eight bushels of good lime, sixteen bushels of sand and one bushel of hair will make enough good mortar to plaster 100 square yards.

One cord of stone, three bushels of lime and a cubic yard of sand will lay one hundred cubic feet of wall.

Cement one bushel, and sand two bushels, will cover $3\frac{1}{2}$ square yards, one inch thick; $4\frac{1}{2}$ square yards $\frac{3}{4}$ inch thick, and $6\frac{3}{4}$ square yards $\frac{1}{2}$ inch thick.

One bushel of cement and one bushel of sand will cover $2\frac{1}{4}$ square yards one inch thick; 3 square yards $\frac{3}{4}$ inch thick, and $4\frac{1}{2}$ square yards $\frac{1}{2}$ inch thick.

Whitewash. Slake fresh quicklime with clean water added a little at a time in a clean, wooden pail, keg or barrel. After lime is completely slaked, add enough water to make a thick paste, cover container to keep in heat and allow to stand at least several hours. Strain paste and thin to brushing consistency with water.

Amount of Paint Required

The following is an approximate rule: Divide the number of square feet of surface by 200. The result will be the number of gallons of liquid paint required to give two coats; or divide by 18 and the result will be the number of pounds of pure ground white lead required to give three coats.

USEFUL INFORMATION FOR CONTRACTORS

One thousand shingles, laid four inch to the weather, will cover one hundred square feet of surface and five pounds of shingle nails will fasten them on.

One-fifth more siding and flooring is needed than the number of square feet of surface to be covered because of the lap in siding and flooring.

One thousand laths will cover 70 yards of surface and 11 pounds of lath nails will nail them on.

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THREE-YEAR GUARANTEE—COLOR SKETCH FREE
—PROMPT EFFICIENT REPAIR SERVICE—

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Will Lead the Way to Shorter Hours and Higher Pay

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MYERS Deep and Shallow Well

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Dillon Supply Co.

RALEIGH, N. C.

ROCKY MOUNT, N. C.

DURHAM, N. C.

Eight bushels of good lime, sixteen bushels of sand and one bushel of hair will make enough good mortar to plaster 100 square yards.

One cord of stone, three bushels of lime and a cubic yard of sand will lay 100 cubic feet of wall.

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One bushel of cement and one bushel of sand will cover $2\frac{1}{4}$ square yards one inch thick; three square yards $\frac{3}{4}$ inch thick, and $4\frac{1}{2}$ square yards $\frac{1}{2}$ inch thick.

Amount of Paint Required For a Given Surface

It is impossible to give a rule that will apply in all cases, as the amount varies with the kind and the thickness of the paint, the kind of wood or other material to which it is applied, the age of the surface, etc. The following is an approximate rule: Divide the number of square feet of surface by 200. The result will be the number of gallons of liquid paint required to give two coats; or divide by 18 and the result will be the number of pounds of pure ground white lead required to give three coats.

Roof Elevations

By the "pitch" of a roof is meant the relation which the height of the ridge above the level of the roof-plates bears to the span, or the distance between the studs on which the roof rests.

The length of rafters for the most common pitches can be found as follows from any given span:

If $\frac{1}{4}$ pitch,	multiply span by .559 or 7-12 nearly.
If $\frac{1}{8}$ " " " "	.6 " 3-5 "
If $\frac{3}{8}$ " " " "	.625 " 5-8 "
If $\frac{1}{2}$ " " " "	.71 " 7-10 "
If $\frac{5}{8}$ " " " "	.8 " 4-5 "
If full " " " "	.1-12 " 1-18 "

To length thus obtained must be added amount of projection of rafters at the eaves.

As rafters must be purchased of even lengths, a few inches more or less on their length will make a difference to the pitch so slight that it cannot be detected by the eye.

Example—To determine the length of rafters for a roof constructed one-half pitch, with a span of 24 ft.— $24 \times .71 = 17.04$; or practically just 17 feet. A projection of one foot for eaves makes the length to be purchased 18 feet.

WEIGHTS OF GRAIN AND PRODUCE

Corn or Rye.....	56 lbs.	Potatoes	60 lbs.
Corn Meal	50 lbs.	Potatoes, S.	55 lbs.
Corn (in ear).....	70 lbs.	Onions	57 lbs.
Wheat	60 lbs.	Turnips	55 lbs.
Buckwheat	52 lbs.	Apples, Dried	26 lbs.
Millet	56 lbs.	Peaches, Dried	33 lbs.
Clover Seed	60 lbs.	White Beans	60 lbs.
Bran	20 lbs.	Peas	60 lbs.
Oats	32 lbs.	Flax Seed	56 lbs.
Barley	48 lbs.	Timothy Seed	45 lbs.

Peace, A Junior College for Women

RALEIGH, NORTH CAROLINA

Courses offered: (1) College courses for first and second year work; (2) Preparatory courses (3rd and 4th year high school); (3) Special courses in Art, Music, Home Economics, and Commercial subjects. Special features: (1) Individual attention to students; (2) Limited number of students; (3) Intimate home surroundings; (4) Highly trained faculty; (5) Wholesome religious atmosphere. Register now for fall session 1940-1941. For catalog, book of views, and other literature, write to William C. Pressly, President, Peace, a Junior College for Women, Raleigh, N. C.

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LOANS AVAILABLE THROUGH THE FARM CREDIT ADMINISTRATION

Kind of Loan	Short-Term Production	
Loan made by	Production Credit Association	
Purpose for which loan used	Production, harvesting, marketing of crops. Breeding, feeding, raising fattening of livestock. Production of livestock products. For general agricultural purpose, including work stock, building repairs, farm and home equipment.	
Kind of Loan	Facility, Operating, and Commodity Loans to Farmers' Co-operative Associations	
Loan made by	Bank for Co-operative	
Purpose for which loan used	Facility Loans —To finance or refinance the purchase, construction or lease of physical property for farmers' co-operative sales, purchase and service associations.	
	Operating Loans —To provide working capital for farmers' co-operative sales, purchase and service associations.	
	Commodity Loans —To enable farmers' co-operative associations to make advances to their grower members on commodities delivered to associations, and for financing farm supplies, such as fertilizer and feeds.	

LOANS AVAILABLE THROUGH THE FARM CREDIT ADMINISTRATION

Kind of Loan	Long-Term Farm Mortgage	
Loan made by	Federal land bank through national farm loan associations or direct (over 95 per cent of land bank loans are made through associations).	Land Bank Commissioner (Federal land banks acting as agents).
Purpose for which loan used	To purchase land for agricultural uses. To purchase equipment, fertilizers, and livestock for reasonable operation. To provide buildings. To improve the land. To refinance indebtedness. For general agricultural purposes.	

FARMER JONES has *a New Car...*

ELECTRIC **Service** *got it for him*

When Farmer Jones put in electric service, he knew it would be a big help—pumping water, lighting the house and barn, grinding feed, and doing many other things. But he never expected it to buy him a car.

You see, electric equipment sped up daily work. Made it easier. So Farmer Jones had time to build a poultry yard and put in some chickens. Electric lights in the hen houses, an electric brooder, a water warmer in winter helped the poultry side-line pick up until it began to make money—and, of course, that helped increase Farmer Jones' total profits.

No, the chickens didn't pay for Farmer Jones' new car—even though they played a big part. It was **electric service**—speeding up the work here, cutting down costs there, protecting the whole investment in dozens of instances.

There are thousands of Farmer Joneses in the Piedmont Carolinas who have found electric service, from Duke Power Company's rural electric lines, spelling the difference between "getting along" and enjoying the comforts and conveniences of present-day living.

DUKE POWER CO.

General Office: CHARLOTTE, N. C.

RULES FOR COUNTING INTEREST

Following are simple rules for finding the interest on any principal for any number of days. When the principal contains cents, point off four places from the right of the result to express the interest in dollars and cents. When the principal contains dollars only, point off two places.

Three Per Cent—Multiply by number of days and divide by 120.

Four Per Cent—Multiply by number of days and divide by 90.

Five Per Cent—Multiply by number of days and divide by 72.

Six Per Cent—Multiply by number of days and divide by 60.

Seven Per Cent—Multiply by number of days and divide by 52.

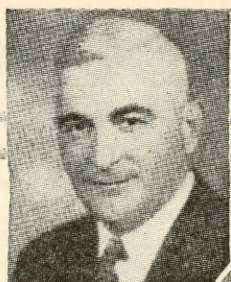
Eight Per Cent—Multiply by number of days and divide by 45.

Nine Per Cent—Multiply by number of days and divide by 40.

Ten Per Cent—Multiply by number of days and divide by 36.

Twelve Per Cent—Multiply by number of days and divide by 30.

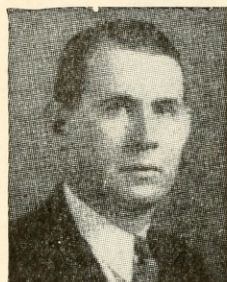
Fifteen Per Cent—Multiply by number of days and divide by 24.



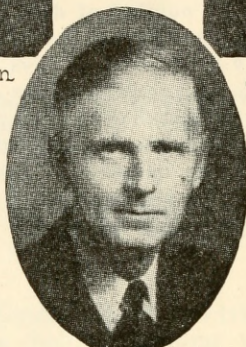
CHARLES M. JOHNSON
Treasurer



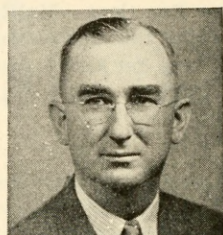
GEORGE ROSS POUL
Auditor



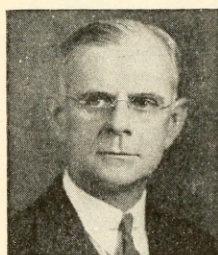
CLYDE A. ERWIN
Supt. of Public Instruction



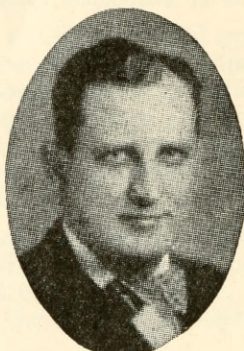
WILKINS P. HORTON
Lieutenant Governor



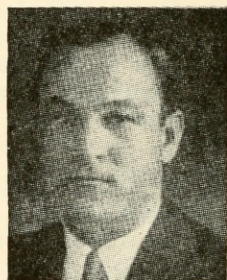
FORREST H. SHUFORD
Commissioner of Labor



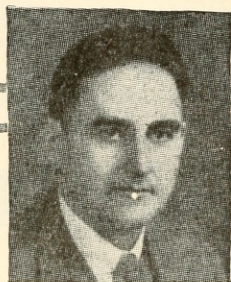
HARRY M. MULLAN
Attorney General



THAD A. EURE
Secretary of State



DAN C. BONEY
Insurance Commissioner



W. KERR SCOTT
Commissioner of Agriculture



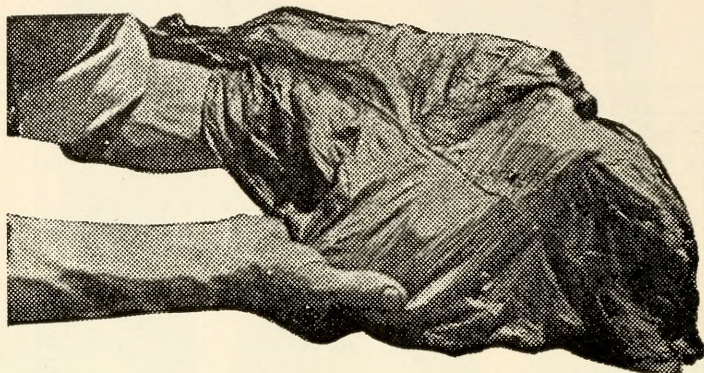
STANLEY WINBORNE
Utilities Commissioner

1940

JANUARY							APRIL							JULY							OCTOBER							
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1941

JANUARY							APRIL							JULY							OCTOBER								
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POTASH

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POTASH makes tobacco smooth and velvety—the quality which brings the extra price from buyers. This quality, together with increased yield per acre due to potash, makes this plant food important to the grower who wants to lower his unit cost of production and make more profit.

Again the official recommendations of the Tobacco Committee are high in potash. In line with these recommendations, use a

fertilizer containing 8% potash applied at the rate of 800-1,200 lbs. per acre before planting. Within 20 days after transplanting, apply a side-dressing of 50-100 lbs. of actual potash to the acre.

Your county agent or experiment station will tell you the right analysis and amount of fertilizer for your soil. Your fertilizer dealer or manufacturer will point out to you how little extra it costs to apply enough potash.

Write us for further information and literature on the profitable fertilization of Southern crops.

American Potash Institute

Incorporated

Investment Building

WASHINGTON, D. C.

SOUTHERN OFFICE: Mortgage Guarantee Bldg., ATLANTA, GA.



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